

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

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Tel: (330)497-9396

TestAmerica Job ID: 240-43355-1

Client Project/Site: EMD

For:

TRC Environmental Corp-Payne Firm

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Authorized for release by:

11/5/2014 12:55:10 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Job ID: 240-43355-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: EMD

Report Number: 240-43355-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/22/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples DCINFLOW/102014 (240-43355-1), DCOUTFLOW/102014 (240-43355-2), DW001/102014 (240-43355-3), DW002/102014 (240-43355-4), DW003/102014 (240-43355-5), DW004/102014 (240-43355-6), TB01/102014 (240-43355-7), FB02/102114 (240-43355-8), WRPZ05/102114 (240-43355-9), VE542/11.5-16.5/102114 (240-43355-10), WRPZ10/102114 (240-43355-11), WRPZ15/102114 (240-43355-12), MW505A/102114 (240-43355-13), MW505B/102114 (240-43355-14), MW509A/102114 (240-43355-15), MW509B/102114 (240-43355-16), MW510A/102114 (240-43355-17), MW510B/102114 (240-43355-18), MW508/102114 (240-43355-19), MW508B/102114 (240-43355-20), MW031A/102114 (240-43355-21) and MW031D/102114 (240-43355-22) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/30/2014 and 10/31/2014.

Acetone was detected in method blank MB 240-154284/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

The laboratory control sample (LCS) for batch 154123 recovered outside control limits for 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Job ID: 240-43355-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

The laboratory control sample (LCS) for batch 154284 recovered outside control limits for the following analyte: Acetone. Acetone has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

The laboratory control sample (LCS) for batch 154284 recovered outside control limits for 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 4-Methyl-2-pentanone (MIBK), and cis-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS of sample DCINFLOW/102014 (240-43355-1) in batch 240-154068. 1,4-Dioxane, 2-Butanone, 2-Hexanone and Ethylene Dibromide failed the recovery criteria low for the MSD of sample DCINFLOW/102014 (240-43355-1) in batch 240-154068.

Dichlorodifluoromethane failed the recovery criteria low for the MS of sample MW031D/102114 (240-43355-22) in batch 240-154123. 1,1,2,2-Tetrachloroethane and 4-Methyl-2-pentanone (MIBK) failed the recovery criteria high. 1,1,2,2-Tetrachloroethane failed the recovery criteria high for the MSD of sample MW031D/102114 (240-43355-22) in batch 240-154123. Dichlorodifluoromethane exceeded the RPD limit.

Samples VE542/11.5-16.5/102114 (240-43355-10)[10X], MW505A/102114 (240-43355-13)[16.67X], MW505B/102114 (240-43355-14)[40X], MW508/102114 (240-43355-19)[3.33X], MW031A/102114 (240-43355-21)[12.5X] and MW031D/102114 (240-43355-22)[3.33X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The pH of the sample VE542/11.5-16.5/102114 (240-43355-10), was greater than 2. The sample was analyzed within the normal 14 day holding time; however, experimental evidence suggests that some aromatic compounds in wastewater samples, notably, Benzene, Toluene, and Ethylbenzene are susceptible to biological degradation if samples are not preserved to a pH of 2.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Sample Summary

Client: TRC Environmental Corp-Payne Firm

Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-43355-1	DCINFLOW/102014	Water	10/20/14 13:30	10/22/14 08:45
240-43355-2	DCOUTFLOW/102014	Water	10/20/14 13:45	10/22/14 08:45
240-43355-3	DW001/102014	Water	10/20/14 15:10	10/22/14 08:45
240-43355-4	DW002/102014	Water	10/20/14 15:45	10/22/14 08:45
240-43355-5	DW003/102014	Water	10/20/14 15:30	10/22/14 08:45
240-43355-6	DW004/102014	Water	10/20/14 15:45	10/22/14 08:45
240-43355-7	TB01/102014	Water	10/20/14 00:00	10/22/14 08:45
240-43355-8	FB02/102114	Water	10/21/14 09:50	10/22/14 08:45
240-43355-9	WRPZ05/102114	Water	10/21/14 10:00	10/22/14 08:45
240-43355-10	VE542/11.5-16.5/102114	Water	10/21/14 09:55	10/22/14 08:45
240-43355-11	WRPZ10/102114	Water	10/21/14 10:05	10/22/14 08:45
240-43355-12	WRPZ15/102114	Water	10/21/14 10:10	10/22/14 08:45
240-43355-13	MW505A/102114	Water	10/21/14 11:15	10/22/14 08:45
240-43355-14	MW505B/102114	Water	10/21/14 11:15	10/22/14 08:45
240-43355-15	MW509A/102114	Water	10/21/14 11:40	10/22/14 08:45
240-43355-16	MW509B/102114	Water	10/21/14 11:45	10/22/14 08:45
240-43355-17	MW510A/102114	Water	10/21/14 12:00	10/22/14 08:45
240-43355-18	MW510B/102114	Water	10/21/14 12:10	10/22/14 08:45
240-43355-19	MW508/102114	Water	10/21/14 12:30	10/22/14 08:45
240-43355-20	MW508B/102114	Water	10/21/14 12:40	10/22/14 08:45
240-43355-21	MW031A/102114	Water	10/21/14 15:30	10/22/14 08:45
240-43355-22	MW031D/102114	Water	10/21/14 15:25	10/22/14 08:45

TestAmerica Canton

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCINFLOW/102014

Lab Sample ID: 240-43355-1

No Detections.

Client Sample ID: DCOUTFLOW/102014

Lab Sample ID: 240-43355-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.24	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: DW001/102014

Lab Sample ID: 240-43355-3

No Detections.

Client Sample ID: DW002/102014

Lab Sample ID: 240-43355-4

No Detections.

Client Sample ID: DW003/102014

Lab Sample ID: 240-43355-5

No Detections.

Client Sample ID: DW004/102014

Lab Sample ID: 240-43355-6

No Detections.

Client Sample ID: TB01/102014

Lab Sample ID: 240-43355-7

No Detections.

Client Sample ID: FB02/102114

Lab Sample ID: 240-43355-8

No Detections.

Client Sample ID: WRPZ05/102114

Lab Sample ID: 240-43355-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	99		50	40	ug/L	1		8260B	Total/NA

Client Sample ID: VE542/11.5-16.5/102114

Lab Sample ID: 240-43355-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2100		500	400	ug/L	10		8260B	Total/NA

Client Sample ID: WRPZ10/102114

Lab Sample ID: 240-43355-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	95		50	40	ug/L	1		8260B	Total/NA

Client Sample ID: WRPZ15/102114

Lab Sample ID: 240-43355-12

No Detections.

Client Sample ID: MW505A/102114

Lab Sample ID: 240-43355-13

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505A/102114 (Continued)

Lab Sample ID: 240-43355-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.0	J	17	4.0	ug/L	16.67		8260B	Total/NA
cis-1,2-Dichloroethene	530		17	3.3	ug/L	16.67		8260B	Total/NA
1,1-Dichloroethane	6.1	J	17	4.3	ug/L	16.67		8260B	Total/NA
1,2-Dichloroethane	240		17	3.3	ug/L	16.67		8260B	Total/NA
1,2-Dichloroethene, Total	600		33	3.3	ug/L	16.67		8260B	Total/NA
1,4-Dioxane	1600		830	660	ug/L	16.67		8260B	Total/NA
trans-1,2-Dichloroethene	68		17	4.3	ug/L	16.67		8260B	Total/NA
Trichloroethene	6.5	J	17	2.5	ug/L	16.67		8260B	Total/NA
Vinyl chloride	170		17	4.8	ug/L	16.67		8260B	Total/NA

Client Sample ID: MW505B/102114

Lab Sample ID: 240-43355-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31	J	40	8.0	ug/L	40		8260B	Total/NA
1,2-Dichloroethene, Total	31	J	80	8.0	ug/L	40		8260B	Total/NA
1,4-Dioxane	7000		2000	1600	ug/L	40		8260B	Total/NA

Client Sample ID: MW509A/102114

Lab Sample ID: 240-43355-15

No Detections.

Client Sample ID: MW509B/102114

Lab Sample ID: 240-43355-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	100		50	40	ug/L	1		8260B	Total/NA

Client Sample ID: MW510A/102114

Lab Sample ID: 240-43355-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.55	J	1.0	0.28	ug/L	1		8260B	Total/NA
Chlorobenzene	0.22	J	1.0	0.19	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.20	ug/L	1		8260B	Total/NA
1,2-Dichloroethene, Total	1.4	J	2.0	0.20	ug/L	1		8260B	Total/NA
1,4-Dioxane	610		50	40	ug/L	1		8260B	Total/NA
Vinyl chloride	0.36	J	1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: MW510B/102114

Lab Sample ID: 240-43355-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	71		50	40	ug/L	1		8260B	Total/NA

Client Sample ID: MW508/102114

Lab Sample ID: 240-43355-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	100	B *	33	11	ug/L	3.33		8260B	Total/NA
cis-1,2-Dichloroethene	3.3		3.3	0.67	ug/L	3.33		8260B	Total/NA
1,2-Dichloroethene, Total	3.3	J	6.7	0.67	ug/L	3.33		8260B	Total/NA
1,4-Dioxane	450		170	130	ug/L	3.33		8260B	Total/NA

Client Sample ID: MW508B/102114

Lab Sample ID: 240-43355-20

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508B/102114 (Continued)

Lab Sample ID: 240-43355-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	59		50	40	ug/L	1		8260B	Total/NA

Client Sample ID: MW031A/102114

Lab Sample ID: 240-43355-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.1	J	13	3.0	ug/L	12.5		8260B	Total/NA
Chlorobenzene	2.7	J	13	2.4	ug/L	12.5		8260B	Total/NA
cis-1,2-Dichloroethene	350		13	2.5	ug/L	12.5		8260B	Total/NA
1,2-Dichloroethane	35		13	2.5	ug/L	12.5		8260B	Total/NA
1,2-Dichloroethene, Total	360		25	2.5	ug/L	12.5		8260B	Total/NA
1,4-Dioxane	6800		630	500	ug/L	12.5		8260B	Total/NA
Tetrachloroethene	79		13	2.5	ug/L	12.5		8260B	Total/NA
trans-1,2-Dichloroethene	9.5	J	13	3.3	ug/L	12.5		8260B	Total/NA
Trichloroethene	470		13	1.9	ug/L	12.5		8260B	Total/NA
Vinyl chloride	92		13	3.6	ug/L	12.5		8260B	Total/NA

Client Sample ID: MW031D/102114

Lab Sample ID: 240-43355-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	92		3.3	0.67	ug/L	3.33		8260B	Total/NA
1,1-Dichloroethane	0.89	J	3.3	0.87	ug/L	3.33		8260B	Total/NA
1,2-Dichloroethane	130		3.3	0.67	ug/L	3.33		8260B	Total/NA
1,2-Dichloroethene, Total	94		6.7	0.67	ug/L	3.33		8260B	Total/NA
1,4-Dioxane	1300		170	130	ug/L	3.33		8260B	Total/NA
Tetrachloroethene	0.80	J	3.3	0.67	ug/L	3.33		8260B	Total/NA
trans-1,2-Dichloroethene	1.7	J	3.3	0.87	ug/L	3.33		8260B	Total/NA
Trichloroethene	51		3.3	0.50	ug/L	3.33		8260B	Total/NA
Vinyl chloride	18		3.3	0.97	ug/L	3.33		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCINFLOW/102014

Lab Sample ID: 240-43355-1

Matrix: Water

Date Collected: 10/20/14 13:30

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 14:25	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 14:25	1
Acrolein	ND		20	1.4	ug/L			10/30/14 14:25	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 14:25	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 14:25	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 14:25	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 14:25	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 14:25	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 14:25	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 14:25	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 14:25	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 14:25	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 14:25	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 14:25	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 14:25	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 14:25	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 14:25	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 14:25	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 14:25	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 14:25	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 14:25	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 14:25	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 14:25	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 14:25	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 14:25	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 14:25	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 14:25	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 14:25	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 14:25	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 14:25	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 14:25	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 14:25	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 14:25	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 14:25	1
Isobutanol	ND		50	12	ug/L			10/30/14 14:25	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 14:25	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 14:25	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 14:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 14:25	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 14:25	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 14:25	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 14:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 14:25	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 14:25	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 14:25	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 14:25	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 14:25	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 14:25	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 14:25	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCINFLOW/102014
Date Collected: 10/20/14 13:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 14:25	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 14:25	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 14:25	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 14:25	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 14:25	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 14:25	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/30/14 14:25	1
Dibromofluoromethane (Surr)	85		75 - 121					10/30/14 14:25	1
1,2-Dichloroethane-d4 (Surr)	72		63 - 129					10/30/14 14:25	1
Toluene-d8 (Surr)	77		74 - 120					10/30/14 14:25	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCOUTFLOW/102014

Lab Sample ID: 240-43355-2

Matrix: Water

Date Collected: 10/20/14 13:45

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 14:48	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 14:48	1
Acrolein	ND		20	1.4	ug/L			10/30/14 14:48	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 14:48	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 14:48	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 14:48	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 14:48	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 14:48	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 14:48	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 14:48	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 14:48	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 14:48	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 14:48	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 14:48	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 14:48	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 14:48	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 14:48	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 14:48	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 14:48	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 14:48	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 14:48	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 14:48	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 14:48	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 14:48	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 14:48	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 14:48	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 14:48	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 14:48	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 14:48	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 14:48	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 14:48	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 14:48	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 14:48	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 14:48	1
Isobutanol	ND		50	12	ug/L			10/30/14 14:48	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 14:48	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 14:48	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 14:48	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 14:48	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 14:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 14:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 14:48	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 14:48	1
Toluene	0.24 J		1.0	0.22	ug/L			10/30/14 14:48	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 14:48	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 14:48	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 14:48	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 14:48	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCOUTFLOW/102014
Date Collected: 10/20/14 13:45
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 14:48	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 14:48	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 14:48	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 14:48	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 14:48	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 14:48	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/30/14 14:48	1
Dibromofluoromethane (Surr)	85		75 - 121					10/30/14 14:48	1
1,2-Dichloroethane-d4 (Surr)	72		63 - 129					10/30/14 14:48	1
Toluene-d8 (Surr)	80		74 - 120					10/30/14 14:48	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW001/102014

Lab Sample ID: 240-43355-3

Matrix: Water

Date Collected: 10/20/14 15:10

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 15:11	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 15:11	1
Acrolein	ND		20	1.4	ug/L			10/30/14 15:11	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 15:11	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 15:11	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 15:11	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 15:11	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 15:11	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 15:11	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 15:11	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 15:11	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 15:11	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 15:11	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 15:11	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 15:11	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 15:11	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 15:11	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 15:11	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 15:11	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 15:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 15:11	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 15:11	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 15:11	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 15:11	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 15:11	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 15:11	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 15:11	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 15:11	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 15:11	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 15:11	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 15:11	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 15:11	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 15:11	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 15:11	1
Isobutanol	ND		50	12	ug/L			10/30/14 15:11	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 15:11	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 15:11	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 15:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 15:11	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 15:11	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 15:11	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 15:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 15:11	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 15:11	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 15:11	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 15:11	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 15:11	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 15:11	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 15:11	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW001/102014
Date Collected: 10/20/14 15:10
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 15:11	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 15:11	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 15:11	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 15:11	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 15:11	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 15:11	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/30/14 15:11	1
Dibromofluoromethane (Surr)	88		75 - 121					10/30/14 15:11	1
1,2-Dichloroethane-d4 (Surr)	74		63 - 129					10/30/14 15:11	1
Toluene-d8 (Surr)	81		74 - 120					10/30/14 15:11	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW002/102014

Lab Sample ID: 240-43355-4

Matrix: Water

Date Collected: 10/20/14 15:45

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 15:34	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 15:34	1
Acrolein	ND		20	1.4	ug/L			10/30/14 15:34	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 15:34	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 15:34	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 15:34	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 15:34	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 15:34	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 15:34	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 15:34	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 15:34	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 15:34	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 15:34	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 15:34	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 15:34	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 15:34	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 15:34	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 15:34	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 15:34	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 15:34	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 15:34	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 15:34	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 15:34	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 15:34	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 15:34	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 15:34	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 15:34	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 15:34	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 15:34	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 15:34	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 15:34	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 15:34	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 15:34	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 15:34	1
Isobutanol	ND		50	12	ug/L			10/30/14 15:34	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 15:34	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 15:34	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 15:34	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 15:34	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 15:34	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 15:34	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 15:34	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 15:34	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 15:34	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 15:34	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 15:34	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW002/102014
Date Collected: 10/20/14 15:45
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 15:34	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 15:34	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 15:34	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 15:34	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 15:34	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 15:34	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/30/14 15:34	1
Dibromofluoromethane (Surr)	85		75 - 121					10/30/14 15:34	1
1,2-Dichloroethane-d4 (Surr)	70		63 - 129					10/30/14 15:34	1
Toluene-d8 (Surr)	77		74 - 120					10/30/14 15:34	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW003/102014

Lab Sample ID: 240-43355-5

Matrix: Water

Date Collected: 10/20/14 15:30

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 15:56	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 15:56	1
Acrolein	ND		20	1.4	ug/L			10/30/14 15:56	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 15:56	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 15:56	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 15:56	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 15:56	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 15:56	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 15:56	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 15:56	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 15:56	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 15:56	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 15:56	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 15:56	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 15:56	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 15:56	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 15:56	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 15:56	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 15:56	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 15:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 15:56	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 15:56	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 15:56	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 15:56	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 15:56	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 15:56	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 15:56	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 15:56	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 15:56	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 15:56	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 15:56	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 15:56	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 15:56	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 15:56	1
Isobutanol	ND		50	12	ug/L			10/30/14 15:56	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 15:56	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 15:56	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 15:56	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 15:56	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 15:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 15:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 15:56	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 15:56	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 15:56	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 15:56	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 15:56	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 15:56	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW003/102014
Date Collected: 10/20/14 15:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 15:56	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 15:56	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 15:56	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 15:56	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 15:56	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 15:56	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 120					10/30/14 15:56	1
Dibromofluoromethane (Surr)	86		75 - 121					10/30/14 15:56	1
1,2-Dichloroethane-d4 (Surr)	70		63 - 129					10/30/14 15:56	1
Toluene-d8 (Surr)	80		74 - 120					10/30/14 15:56	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW004/102014

Lab Sample ID: 240-43355-6

Matrix: Water

Date Collected: 10/20/14 15:45

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 16:19	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 16:19	1
Acrolein	ND		20	1.4	ug/L			10/30/14 16:19	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 16:19	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 16:19	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 16:19	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 16:19	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 16:19	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 16:19	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 16:19	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 16:19	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 16:19	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 16:19	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 16:19	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 16:19	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 16:19	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 16:19	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 16:19	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 16:19	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 16:19	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 16:19	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 16:19	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 16:19	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 16:19	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 16:19	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 16:19	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 16:19	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 16:19	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 16:19	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 16:19	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 16:19	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 16:19	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 16:19	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 16:19	1
Isobutanol	ND		50	12	ug/L			10/30/14 16:19	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 16:19	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 16:19	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 16:19	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 16:19	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 16:19	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 16:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 16:19	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 16:19	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 16:19	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 16:19	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 16:19	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 16:19	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 16:19	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DW004/102014
Date Collected: 10/20/14 15:45
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 16:19	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 16:19	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 16:19	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 16:19	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 16:19	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 16:19	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		66 - 120					10/30/14 16:19	1
Dibromofluoromethane (Surr)	86		75 - 121					10/30/14 16:19	1
1,2-Dichloroethane-d4 (Surr)	71		63 - 129					10/30/14 16:19	1
Toluene-d8 (Surr)	78		74 - 120					10/30/14 16:19	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: TB01/102014

Lab Sample ID: 240-43355-7

Matrix: Water

Date Collected: 10/20/14 00:00

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 16:41	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 16:41	1
Acrolein	ND		20	1.4	ug/L			10/30/14 16:41	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 16:41	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 16:41	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 16:41	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 16:41	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 16:41	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 16:41	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 16:41	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 16:41	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 16:41	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 16:41	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 16:41	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 16:41	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 16:41	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 16:41	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 16:41	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 16:41	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 16:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 16:41	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 16:41	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 16:41	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 16:41	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 16:41	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 16:41	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 16:41	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 16:41	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 16:41	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 16:41	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 16:41	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 16:41	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 16:41	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 16:41	1
Isobutanol	ND		50	12	ug/L			10/30/14 16:41	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 16:41	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 16:41	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 16:41	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 16:41	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 16:41	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 16:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 16:41	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 16:41	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 16:41	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 16:41	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 16:41	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 16:41	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 16:41	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: TB01/102014
Date Collected: 10/20/14 00:00
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 16:41	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 16:41	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 16:41	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 16:41	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 16:41	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 16:41	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 120					10/30/14 16:41	1
Dibromofluoromethane (Surr)	83		75 - 121					10/30/14 16:41	1
1,2-Dichloroethane-d4 (Surr)	69		63 - 129					10/30/14 16:41	1
Toluene-d8 (Surr)	83		74 - 120					10/30/14 16:41	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: FB02/102114

Lab Sample ID: 240-43355-8

Matrix: Water

Date Collected: 10/21/14 09:50

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 17:04	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 17:04	1
Acrolein	ND		20	1.4	ug/L			10/30/14 17:04	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 17:04	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 17:04	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 17:04	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 17:04	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 17:04	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 17:04	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 17:04	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 17:04	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 17:04	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 17:04	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 17:04	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 17:04	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 17:04	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 17:04	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 17:04	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 17:04	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 17:04	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 17:04	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 17:04	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 17:04	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 17:04	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 17:04	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 17:04	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 17:04	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 17:04	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 17:04	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 17:04	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 17:04	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 17:04	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 17:04	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 17:04	1
Isobutanol	ND		50	12	ug/L			10/30/14 17:04	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 17:04	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 17:04	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 17:04	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 17:04	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 17:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 17:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 17:04	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 17:04	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 17:04	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 17:04	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 17:04	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: FB02/102114
Date Collected: 10/21/14 09:50
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 17:04	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 17:04	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 17:04	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 17:04	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 17:04	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 17:04	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/30/14 17:04	1
Dibromofluoromethane (Surr)	82		75 - 121					10/30/14 17:04	1
1,2-Dichloroethane-d4 (Surr)	69		63 - 129					10/30/14 17:04	1
Toluene-d8 (Surr)	80		74 - 120					10/30/14 17:04	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ05/102114

Lab Sample ID: 240-43355-9

Matrix: Water

Date Collected: 10/21/14 10:00

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 17:27	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 17:27	1
Acrolein	ND		20	1.4	ug/L			10/30/14 17:27	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 17:27	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 17:27	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 17:27	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 17:27	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 17:27	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 17:27	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 17:27	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 17:27	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 17:27	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 17:27	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 17:27	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 17:27	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 17:27	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 17:27	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 17:27	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 17:27	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 17:27	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 17:27	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 17:27	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 17:27	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 17:27	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 17:27	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 17:27	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 17:27	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 17:27	1
1,4-Dioxane	99		50	40	ug/L			10/30/14 17:27	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 17:27	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 17:27	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 17:27	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 17:27	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 17:27	1
Isobutanol	ND		50	12	ug/L			10/30/14 17:27	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 17:27	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 17:27	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 17:27	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 17:27	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 17:27	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 17:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 17:27	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 17:27	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 17:27	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 17:27	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 17:27	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 17:27	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 17:27	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ05/102114
Date Collected: 10/21/14 10:00
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 17:27	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 17:27	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 17:27	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 17:27	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 17:27	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 17:27	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		66 - 120					10/30/14 17:27	1
Dibromofluoromethane (Surr)	93		75 - 121					10/30/14 17:27	1
1,2-Dichloroethane-d4 (Surr)	75		63 - 129					10/30/14 17:27	1
Toluene-d8 (Surr)	81		74 - 120					10/30/14 17:27	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: VE542/11.5-16.5/102114

Lab Sample ID: 240-43355-10

Matrix: Water

Date Collected: 10/21/14 09:55

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100	34	ug/L			10/30/14 17:50	10
Acetonitrile	ND		200	92	ug/L			10/30/14 17:50	10
Acrolein	ND		200	14	ug/L			10/30/14 17:50	10
Acrylonitrile	ND		200	63	ug/L			10/30/14 17:50	10
Benzene	ND		10	2.4	ug/L			10/30/14 17:50	10
Bromodichloromethane	ND		10	1.5	ug/L			10/30/14 17:50	10
Bromoform	ND		10	5.6	ug/L			10/30/14 17:50	10
Bromomethane	ND		10	6.3	ug/L			10/30/14 17:50	10
2-Butanone	ND		100	41	ug/L			10/30/14 17:50	10
Carbon disulfide	ND		10	2.8	ug/L			10/30/14 17:50	10
Carbon tetrachloride	ND		10	1.7	ug/L			10/30/14 17:50	10
Chlorobenzene	ND		10	1.9	ug/L			10/30/14 17:50	10
Chloroethane	ND		10	3.3	ug/L			10/30/14 17:50	10
Chloroform	ND		10	2.1	ug/L			10/30/14 17:50	10
Chloromethane	ND		10	4.4	ug/L			10/30/14 17:50	10
Chloroprene	ND		20	2.6	ug/L			10/30/14 17:50	10
3-Chloro-1-propene	ND		20	8.4	ug/L			10/30/14 17:50	10
cis-1,2-Dichloroethene	ND		10	2.0	ug/L			10/30/14 17:50	10
cis-1,3-Dichloropropene	ND		10	4.6	ug/L			10/30/14 17:50	10
Dibromochloromethane	ND		10	4.3	ug/L			10/30/14 17:50	10
1,2-Dibromo-3-Chloropropane	ND		20	8.2	ug/L			10/30/14 17:50	10
Dibromomethane	ND		10	1.7	ug/L			10/30/14 17:50	10
Dichlorodifluoromethane	ND		10	5.0	ug/L			10/30/14 17:50	10
1,1-Dichloroethane	ND		10	2.6	ug/L			10/30/14 17:50	10
1,2-Dichloroethane	ND		10	2.0	ug/L			10/30/14 17:50	10
1,1-Dichloroethene	ND		10	4.5	ug/L			10/30/14 17:50	10
1,2-Dichloroethene, Total	ND		20	2.0	ug/L			10/30/14 17:50	10
1,2-Dichloropropane	ND		10	2.2	ug/L			10/30/14 17:50	10
1,4-Dioxane	2100		500	400	ug/L			10/30/14 17:50	10
Ethylbenzene	ND		10	2.3	ug/L			10/30/14 17:50	10
Ethylene Dibromide	ND		10	1.9	ug/L			10/30/14 17:50	10
Ethyl methacrylate	ND		10	4.4	ug/L			10/30/14 17:50	10
2-Hexanone	ND		100	39	ug/L			10/30/14 17:50	10
Iodomethane	ND		10	4.2	ug/L			10/30/14 17:50	10
Isobutanol	ND		500	120	ug/L			10/30/14 17:50	10
Methacrylonitrile	ND		20	7.0	ug/L			10/30/14 17:50	10
Methylene Chloride	ND		10	2.8	ug/L			10/30/14 17:50	10
Methyl methacrylate	ND		20	9.9	ug/L			10/30/14 17:50	10
4-Methyl-2-pentanone (MIBK)	ND		100	36	ug/L			10/30/14 17:50	10
Propionitrile	ND		40	9.5	ug/L			10/30/14 17:50	10
Styrene	ND		10	4.5	ug/L			10/30/14 17:50	10
1,1,1,2-Tetrachloroethane	ND		10	2.8	ug/L			10/30/14 17:50	10
1,1,2,2-Tetrachloroethane	ND		10	2.2	ug/L			10/30/14 17:50	10
Tetrachloroethene	ND		10	2.0	ug/L			10/30/14 17:50	10
Toluene	ND		10	2.2	ug/L			10/30/14 17:50	10
trans-1,4-Dichloro-2-butene	ND		10	3.1	ug/L			10/30/14 17:50	10
trans-1,2-Dichloroethene	ND		10	2.6	ug/L			10/30/14 17:50	10
trans-1,3-Dichloropropene	ND		10	5.6	ug/L			10/30/14 17:50	10
1,1,1-Trichloroethane	ND		10	2.2	ug/L			10/30/14 17:50	10

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: VE542/11.5-16.5/102114
Date Collected: 10/21/14 09:55
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		10	1.7	ug/L			10/30/14 17:50	10
Trichloroethene	ND		10	1.5	ug/L			10/30/14 17:50	10
Trichlorofluoromethane	ND		10	4.9	ug/L			10/30/14 17:50	10
1,2,3-Trichloropropane	ND		10	3.0	ug/L			10/30/14 17:50	10
Vinyl acetate	ND		20	4.1	ug/L			10/30/14 17:50	10
Vinyl chloride	ND		10	2.9	ug/L			10/30/14 17:50	10
Xylenes, Total	ND		20	4.3	ug/L			10/30/14 17:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		66 - 120					10/30/14 17:50	10
Dibromofluoromethane (Surr)	88		75 - 121					10/30/14 17:50	10
1,2-Dichloroethane-d4 (Surr)	69		63 - 129					10/30/14 17:50	10
Toluene-d8 (Surr)	79		74 - 120					10/30/14 17:50	10

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ10/102114

Lab Sample ID: 240-43355-11

Matrix: Water

Date Collected: 10/21/14 10:05

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 18:12	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 18:12	1
Acrolein	ND		20	1.4	ug/L			10/30/14 18:12	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 18:12	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 18:12	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 18:12	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 18:12	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 18:12	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 18:12	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 18:12	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 18:12	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 18:12	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 18:12	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 18:12	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 18:12	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 18:12	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 18:12	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 18:12	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 18:12	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 18:12	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 18:12	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 18:12	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 18:12	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 18:12	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 18:12	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 18:12	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 18:12	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 18:12	1
1,4-Dioxane	95		50	40	ug/L			10/30/14 18:12	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 18:12	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 18:12	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 18:12	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 18:12	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 18:12	1
Isobutanol	ND		50	12	ug/L			10/30/14 18:12	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 18:12	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 18:12	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 18:12	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 18:12	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 18:12	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 18:12	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 18:12	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 18:12	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 18:12	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 18:12	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 18:12	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 18:12	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ10/102114
Date Collected: 10/21/14 10:05
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 18:12	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 18:12	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 18:12	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 18:12	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 18:12	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 18:12	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 120					10/30/14 18:12	1
Dibromofluoromethane (Surr)	89		75 - 121					10/30/14 18:12	1
1,2-Dichloroethane-d4 (Surr)	71		63 - 129					10/30/14 18:12	1
Toluene-d8 (Surr)	77		74 - 120					10/30/14 18:12	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ15/102114

Lab Sample ID: 240-43355-12

Matrix: Water

Date Collected: 10/21/14 10:10

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/30/14 18:35	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 18:35	1
Acrolein	ND		20	1.4	ug/L			10/30/14 18:35	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 18:35	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 18:35	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 18:35	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 18:35	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 18:35	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 18:35	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 18:35	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 18:35	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 18:35	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 18:35	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 18:35	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 18:35	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 18:35	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 18:35	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 18:35	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 18:35	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 18:35	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 18:35	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 18:35	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 18:35	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 18:35	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 18:35	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 18:35	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 18:35	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 18:35	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 18:35	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 18:35	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/30/14 18:35	1
2-Hexanone	ND		10	3.9	ug/L			10/30/14 18:35	1
Iodomethane	ND		1.0	0.42	ug/L			10/30/14 18:35	1
Isobutanol	ND		50	12	ug/L			10/30/14 18:35	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/30/14 18:35	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/30/14 18:35	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/30/14 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.6	ug/L			10/30/14 18:35	1
Propionitrile	ND		4.0	0.95	ug/L			10/30/14 18:35	1
Styrene	ND		1.0	0.45	ug/L			10/30/14 18:35	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/30/14 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/30/14 18:35	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/30/14 18:35	1
Toluene	ND		1.0	0.22	ug/L			10/30/14 18:35	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/30/14 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/30/14 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/30/14 18:35	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/30/14 18:35	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: WRPZ15/102114
Date Collected: 10/21/14 10:10
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/30/14 18:35	1
Trichloroethene	ND		1.0	0.15	ug/L			10/30/14 18:35	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/30/14 18:35	1
1,2,3-Trichloropropane	ND		1.0	0.30	ug/L			10/30/14 18:35	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/30/14 18:35	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/30/14 18:35	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/30/14 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		66 - 120					10/30/14 18:35	1
Dibromofluoromethane (Surr)	84		75 - 121					10/30/14 18:35	1
1,2-Dichloroethane-d4 (Surr)	69		63 - 129					10/30/14 18:35	1
Toluene-d8 (Surr)	79		74 - 120					10/30/14 18:35	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505A/102114

Lab Sample ID: 240-43355-13

Matrix: Water

Date Collected: 10/21/14 11:15

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		170	57	ug/L			10/30/14 18:58	16.67
Acetonitrile	ND		330	150	ug/L			10/30/14 18:58	16.67
Acrolein	ND		330	24	ug/L			10/30/14 18:58	16.67
Acrylonitrile	ND		330	110	ug/L			10/30/14 18:58	16.67
Benzene	6.0	J	17	4.0	ug/L			10/30/14 18:58	16.67
Bromodichloromethane	ND		17	2.5	ug/L			10/30/14 18:58	16.67
Bromoform	ND		17	9.3	ug/L			10/30/14 18:58	16.67
Bromomethane	ND		17	11	ug/L			10/30/14 18:58	16.67
2-Butanone	ND		170	68	ug/L			10/30/14 18:58	16.67
Carbon disulfide	ND		17	4.7	ug/L			10/30/14 18:58	16.67
Carbon tetrachloride	ND		17	2.8	ug/L			10/30/14 18:58	16.67
Chlorobenzene	ND		17	3.2	ug/L			10/30/14 18:58	16.67
Chloroethane	ND		17	5.5	ug/L			10/30/14 18:58	16.67
Chloroform	ND		17	3.5	ug/L			10/30/14 18:58	16.67
Chloromethane	ND		17	7.3	ug/L			10/30/14 18:58	16.67
Chloroprene	ND		33	4.3	ug/L			10/30/14 18:58	16.67
3-Chloro-1-propene	ND		33	14	ug/L			10/30/14 18:58	16.67
cis-1,2-Dichloroethene	530		17	3.3	ug/L			10/30/14 18:58	16.67
cis-1,3-Dichloropropene	ND		17	7.7	ug/L			10/30/14 18:58	16.67
Dibromochloromethane	ND		17	7.2	ug/L			10/30/14 18:58	16.67
1,2-Dibromo-3-Chloropropane	ND		33	14	ug/L			10/30/14 18:58	16.67
Dibromomethane	ND		17	2.8	ug/L			10/30/14 18:58	16.67
Dichlorodifluoromethane	ND		17	8.3	ug/L			10/30/14 18:58	16.67
1,1-Dichloroethane	6.1	J	17	4.3	ug/L			10/30/14 18:58	16.67
1,2-Dichloroethane	240		17	3.3	ug/L			10/30/14 18:58	16.67
1,1-Dichloroethene	ND		17	7.5	ug/L			10/30/14 18:58	16.67
1,2-Dichloroethene, Total	600		33	3.3	ug/L			10/30/14 18:58	16.67
1,2-Dichloropropane	ND		17	3.7	ug/L			10/30/14 18:58	16.67
1,4-Dioxane	1600		830	660	ug/L			10/30/14 18:58	16.67
Ethylbenzene	ND		17	3.8	ug/L			10/30/14 18:58	16.67
Ethylene Dibromide	ND		17	3.2	ug/L			10/30/14 18:58	16.67
Ethyl methacrylate	ND		17	7.3	ug/L			10/30/14 18:58	16.67
2-Hexanone	ND		170	65	ug/L			10/30/14 18:58	16.67
Iodomethane	ND		17	7.0	ug/L			10/30/14 18:58	16.67
Isobutanol	ND		830	200	ug/L			10/30/14 18:58	16.67
Methacrylonitrile	ND		33	12	ug/L			10/30/14 18:58	16.67
Methylene Chloride	ND		17	4.7	ug/L			10/30/14 18:58	16.67
Methyl methacrylate	ND		33	17	ug/L			10/30/14 18:58	16.67
4-Methyl-2-pentanone (MIBK)	ND		170	60	ug/L			10/30/14 18:58	16.67
Propionitrile	ND		67	16	ug/L			10/30/14 18:58	16.67
Styrene	ND		17	7.5	ug/L			10/30/14 18:58	16.67
1,1,1,2-Tetrachloroethane	ND		17	4.7	ug/L			10/30/14 18:58	16.67
1,1,2,2-Tetrachloroethane	ND		17	3.7	ug/L			10/30/14 18:58	16.67
Tetrachloroethene	ND		17	3.3	ug/L			10/30/14 18:58	16.67
Toluene	ND		17	3.7	ug/L			10/30/14 18:58	16.67
trans-1,4-Dichloro-2-butene	ND		17	5.2	ug/L			10/30/14 18:58	16.67
trans-1,2-Dichloroethene	68		17	4.3	ug/L			10/30/14 18:58	16.67
trans-1,3-Dichloropropene	ND		17	9.3	ug/L			10/30/14 18:58	16.67
1,1,1-Trichloroethane	ND		17	3.7	ug/L			10/30/14 18:58	16.67

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505A/102114
Date Collected: 10/21/14 11:15
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17	2.8	ug/L			10/30/14 18:58	16.67
Trichloroethene	6.5	J	17	2.5	ug/L			10/30/14 18:58	16.67
Trichlorofluoromethane	ND		17	8.2	ug/L			10/30/14 18:58	16.67
1,2,3-Trichloropropane	ND		17	5.0	ug/L			10/30/14 18:58	16.67
Vinyl acetate	ND		33	6.8	ug/L			10/30/14 18:58	16.67
Vinyl chloride	170		17	4.8	ug/L			10/30/14 18:58	16.67
Xylenes, Total	ND		33	7.2	ug/L			10/30/14 18:58	16.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 120					10/30/14 18:58	16.67
Dibromofluoromethane (Surr)	84		75 - 121					10/30/14 18:58	16.67
1,2-Dichloroethane-d4 (Surr)	68		63 - 129					10/30/14 18:58	16.67
Toluene-d8 (Surr)	79		74 - 120					10/30/14 18:58	16.67

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505B/102114

Lab Sample ID: 240-43355-14

Matrix: Water

Date Collected: 10/21/14 11:15

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		400	140	ug/L			10/30/14 19:20	40
Acetonitrile	ND		800	370	ug/L			10/30/14 19:20	40
Acrolein	ND		800	57	ug/L			10/30/14 19:20	40
Acrylonitrile	ND		800	250	ug/L			10/30/14 19:20	40
Benzene	ND		40	9.6	ug/L			10/30/14 19:20	40
Bromodichloromethane	ND		40	6.0	ug/L			10/30/14 19:20	40
Bromoform	ND		40	22	ug/L			10/30/14 19:20	40
Bromomethane	ND		40	25	ug/L			10/30/14 19:20	40
2-Butanone	ND		400	160	ug/L			10/30/14 19:20	40
Carbon disulfide	ND		40	11	ug/L			10/30/14 19:20	40
Carbon tetrachloride	ND		40	6.8	ug/L			10/30/14 19:20	40
Chlorobenzene	ND		40	7.6	ug/L			10/30/14 19:20	40
Chloroethane	ND		40	13	ug/L			10/30/14 19:20	40
Chloroform	ND		40	8.4	ug/L			10/30/14 19:20	40
Chloromethane	ND		40	18	ug/L			10/30/14 19:20	40
Chloroprene	ND		80	10	ug/L			10/30/14 19:20	40
3-Chloro-1-propene	ND		80	34	ug/L			10/30/14 19:20	40
cis-1,2-Dichloroethene	31 J		40	8.0	ug/L			10/30/14 19:20	40
cis-1,3-Dichloropropene	ND		40	18	ug/L			10/30/14 19:20	40
Dibromochloromethane	ND		40	17	ug/L			10/30/14 19:20	40
1,2-Dibromo-3-Chloropropane	ND		80	33	ug/L			10/30/14 19:20	40
Dibromomethane	ND		40	6.8	ug/L			10/30/14 19:20	40
Dichlorodifluoromethane	ND		40	20	ug/L			10/30/14 19:20	40
1,1-Dichloroethane	ND		40	10	ug/L			10/30/14 19:20	40
1,2-Dichloroethane	ND		40	8.0	ug/L			10/30/14 19:20	40
1,1-Dichloroethene	ND		40	18	ug/L			10/30/14 19:20	40
1,2-Dichloroethene, Total	31 J		80	8.0	ug/L			10/30/14 19:20	40
1,2-Dichloropropane	ND		40	8.8	ug/L			10/30/14 19:20	40
1,4-Dioxane	7000		2000	1600	ug/L			10/30/14 19:20	40
Ethylbenzene	ND		40	9.2	ug/L			10/30/14 19:20	40
Ethylene Dibromide	ND		40	7.6	ug/L			10/30/14 19:20	40
Ethyl methacrylate	ND		40	18	ug/L			10/30/14 19:20	40
2-Hexanone	ND		400	160	ug/L			10/30/14 19:20	40
Iodomethane	ND		40	17	ug/L			10/30/14 19:20	40
Isobutanol	ND		2000	470	ug/L			10/30/14 19:20	40
Methacrylonitrile	ND		80	28	ug/L			10/30/14 19:20	40
Methylene Chloride	ND		40	11	ug/L			10/30/14 19:20	40
Methyl methacrylate	ND		80	40	ug/L			10/30/14 19:20	40
4-Methyl-2-pentanone (MIBK)	ND		400	140	ug/L			10/30/14 19:20	40
Propionitrile	ND		160	38	ug/L			10/30/14 19:20	40
Styrene	ND		40	18	ug/L			10/30/14 19:20	40
1,1,1,2-Tetrachloroethane	ND		40	11	ug/L			10/30/14 19:20	40
1,1,2,2-Tetrachloroethane	ND		40	8.8	ug/L			10/30/14 19:20	40
Tetrachloroethene	ND		40	8.0	ug/L			10/30/14 19:20	40
Toluene	ND		40	8.8	ug/L			10/30/14 19:20	40
trans-1,4-Dichloro-2-butene	ND		40	12	ug/L			10/30/14 19:20	40
trans-1,2-Dichloroethene	ND		40	10	ug/L			10/30/14 19:20	40
trans-1,3-Dichloropropene	ND		40	22	ug/L			10/30/14 19:20	40
1,1,1-Trichloroethane	ND		40	8.8	ug/L			10/30/14 19:20	40

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505B/102114
Date Collected: 10/21/14 11:15
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		40	6.8	ug/L			10/30/14 19:20	40
Trichloroethene	ND		40	6.0	ug/L			10/30/14 19:20	40
Trichlorofluoromethane	ND		40	20	ug/L			10/30/14 19:20	40
1,2,3-Trichloropropane	ND		40	12	ug/L			10/30/14 19:20	40
Vinyl acetate	ND		80	16	ug/L			10/30/14 19:20	40
Vinyl chloride	ND		40	12	ug/L			10/30/14 19:20	40
Xylenes, Total	ND		80	17	ug/L			10/30/14 19:20	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		66 - 120					10/30/14 19:20	40
Dibromofluoromethane (Surr)	87		75 - 121					10/30/14 19:20	40
1,2-Dichloroethane-d4 (Surr)	70		63 - 129					10/30/14 19:20	40
Toluene-d8 (Surr)	80		74 - 120					10/30/14 19:20	40

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW509A/102114

Lab Sample ID: 240-43355-15

Matrix: Water

Date Collected: 10/21/14 11:40

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/31/14 02:57	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 02:57	1
Acrolein	ND		20	1.4	ug/L			10/31/14 02:57	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 02:57	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 02:57	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 02:57	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 02:57	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 02:57	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 02:57	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/31/14 02:57	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 02:57	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/31/14 02:57	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 02:57	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 02:57	1
Chloromethane	ND		1.0	0.44	ug/L			10/31/14 02:57	1
Chloroprene	ND		2.0	0.26	ug/L			10/31/14 02:57	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/31/14 02:57	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/31/14 02:57	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/31/14 02:57	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/31/14 02:57	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/31/14 02:57	1
Dibromomethane	ND		1.0	0.17	ug/L			10/31/14 02:57	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/31/14 02:57	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/31/14 02:57	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/31/14 02:57	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/31/14 02:57	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/31/14 02:57	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/31/14 02:57	1
1,4-Dioxane	ND		50	40	ug/L			10/31/14 02:57	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/31/14 02:57	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/31/14 02:57	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/31/14 02:57	1
2-Hexanone	ND		10	3.9	ug/L			10/31/14 02:57	1
Iodomethane	ND		1.0	0.42	ug/L			10/31/14 02:57	1
Isobutanol	ND		50	12	ug/L			10/31/14 02:57	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/31/14 02:57	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/31/14 02:57	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/31/14 02:57	1
4-Methyl-2-pentanone (MIBK)	ND *		10	3.6	ug/L			10/31/14 02:57	1
Propionitrile	ND		4.0	0.95	ug/L			10/31/14 02:57	1
Styrene	ND		1.0	0.45	ug/L			10/31/14 02:57	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/31/14 02:57	1
1,1,2,2-Tetrachloroethane	ND *		1.0	0.22	ug/L			10/31/14 02:57	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/31/14 02:57	1
Toluene	ND		1.0	0.22	ug/L			10/31/14 02:57	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/31/14 02:57	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/31/14 02:57	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/31/14 02:57	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/31/14 02:57	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW509A/102114
Date Collected: 10/21/14 11:40
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/31/14 02:57	1
Trichloroethene	ND		1.0	0.15	ug/L			10/31/14 02:57	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/31/14 02:57	1
1,2,3-Trichloropropane	ND *		1.0	0.30	ug/L			10/31/14 02:57	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/31/14 02:57	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/31/14 02:57	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/31/14 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 120					10/31/14 02:57	1
Dibromofluoromethane (Surr)	100		75 - 121					10/31/14 02:57	1
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					10/31/14 02:57	1
Toluene-d8 (Surr)	89		74 - 120					10/31/14 02:57	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW509B/102114

Lab Sample ID: 240-43355-16

Matrix: Water

Date Collected: 10/21/14 11:45

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/31/14 03:20	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 03:20	1
Acrolein	ND		20	1.4	ug/L			10/31/14 03:20	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 03:20	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 03:20	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 03:20	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 03:20	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 03:20	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 03:20	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/31/14 03:20	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 03:20	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/31/14 03:20	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 03:20	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 03:20	1
Chloromethane	ND		1.0	0.44	ug/L			10/31/14 03:20	1
Chloroprene	ND		2.0	0.26	ug/L			10/31/14 03:20	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/31/14 03:20	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/31/14 03:20	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/31/14 03:20	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/31/14 03:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/31/14 03:20	1
Dibromomethane	ND		1.0	0.17	ug/L			10/31/14 03:20	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/31/14 03:20	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/31/14 03:20	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/31/14 03:20	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/31/14 03:20	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/31/14 03:20	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/31/14 03:20	1
1,4-Dioxane	100		50	40	ug/L			10/31/14 03:20	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/31/14 03:20	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/31/14 03:20	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/31/14 03:20	1
2-Hexanone	ND		10	3.9	ug/L			10/31/14 03:20	1
Iodomethane	ND		1.0	0.42	ug/L			10/31/14 03:20	1
Isobutanol	ND		50	12	ug/L			10/31/14 03:20	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/31/14 03:20	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/31/14 03:20	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/31/14 03:20	1
4-Methyl-2-pentanone (MIBK)	ND *		10	3.6	ug/L			10/31/14 03:20	1
Propionitrile	ND		4.0	0.95	ug/L			10/31/14 03:20	1
Styrene	ND		1.0	0.45	ug/L			10/31/14 03:20	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/31/14 03:20	1
1,1,2,2-Tetrachloroethane	ND *		1.0	0.22	ug/L			10/31/14 03:20	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/31/14 03:20	1
Toluene	ND		1.0	0.22	ug/L			10/31/14 03:20	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/31/14 03:20	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/31/14 03:20	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/31/14 03:20	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/31/14 03:20	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW509B/102114

Lab Sample ID: 240-43355-16

Matrix: Water

Date Collected: 10/21/14 11:45
 Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/31/14 03:20	1
Trichloroethene	ND		1.0	0.15	ug/L			10/31/14 03:20	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/31/14 03:20	1
1,2,3-Trichloropropane	ND *		1.0	0.30	ug/L			10/31/14 03:20	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/31/14 03:20	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/31/14 03:20	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/31/14 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					10/31/14 03:20	1
Dibromofluoromethane (Surr)	99		75 - 121					10/31/14 03:20	1
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					10/31/14 03:20	1
Toluene-d8 (Surr)	92		74 - 120					10/31/14 03:20	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW510A/102114

Lab Sample ID: 240-43355-17

Matrix: Water

Date Collected: 10/21/14 12:00

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/31/14 03:43	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 03:43	1
Acrolein	ND		20	1.4	ug/L			10/31/14 03:43	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 03:43	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 03:43	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 03:43	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 03:43	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 03:43	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 03:43	1
Carbon disulfide	0.55 J		1.0	0.28	ug/L			10/31/14 03:43	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 03:43	1
Chlorobenzene	0.22 J		1.0	0.19	ug/L			10/31/14 03:43	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 03:43	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 03:43	1
Chloromethane	ND		1.0	0.44	ug/L			10/31/14 03:43	1
Chloroprene	ND		2.0	0.26	ug/L			10/31/14 03:43	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/31/14 03:43	1
cis-1,2-Dichloroethene	1.4		1.0	0.20	ug/L			10/31/14 03:43	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/31/14 03:43	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/31/14 03:43	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/31/14 03:43	1
Dibromomethane	ND		1.0	0.17	ug/L			10/31/14 03:43	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/31/14 03:43	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/31/14 03:43	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/31/14 03:43	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/31/14 03:43	1
1,2-Dichloroethene, Total	1.4 J		2.0	0.20	ug/L			10/31/14 03:43	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/31/14 03:43	1
1,4-Dioxane	610		50	40	ug/L			10/31/14 03:43	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/31/14 03:43	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/31/14 03:43	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/31/14 03:43	1
2-Hexanone	ND		10	3.9	ug/L			10/31/14 03:43	1
Iodomethane	ND		1.0	0.42	ug/L			10/31/14 03:43	1
Isobutanol	ND		50	12	ug/L			10/31/14 03:43	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/31/14 03:43	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/31/14 03:43	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/31/14 03:43	1
4-Methyl-2-pentanone (MIBK)	ND *		10	3.6	ug/L			10/31/14 03:43	1
Propionitrile	ND		4.0	0.95	ug/L			10/31/14 03:43	1
Styrene	ND		1.0	0.45	ug/L			10/31/14 03:43	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/31/14 03:43	1
1,1,2,2-Tetrachloroethane	ND *		1.0	0.22	ug/L			10/31/14 03:43	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/31/14 03:43	1
Toluene	ND		1.0	0.22	ug/L			10/31/14 03:43	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/31/14 03:43	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/31/14 03:43	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/31/14 03:43	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/31/14 03:43	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW510A/102114
Date Collected: 10/21/14 12:00
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/31/14 03:43	1
Trichloroethene	ND		1.0	0.15	ug/L			10/31/14 03:43	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/31/14 03:43	1
1,2,3-Trichloropropane	ND *		1.0	0.30	ug/L			10/31/14 03:43	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/31/14 03:43	1
Vinyl chloride	0.36	J	1.0	0.29	ug/L			10/31/14 03:43	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/31/14 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 120					10/31/14 03:43	1
Dibromofluoromethane (Surr)	98		75 - 121					10/31/14 03:43	1
1,2-Dichloroethane-d4 (Surr)	97		63 - 129					10/31/14 03:43	1
Toluene-d8 (Surr)	91		74 - 120					10/31/14 03:43	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW510B/102114

Lab Sample ID: 240-43355-18

Matrix: Water

Date Collected: 10/21/14 12:10

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/31/14 04:05	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 04:05	1
Acrolein	ND		20	1.4	ug/L			10/31/14 04:05	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 04:05	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 04:05	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 04:05	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 04:05	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 04:05	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 04:05	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/31/14 04:05	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 04:05	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/31/14 04:05	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 04:05	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 04:05	1
Chloromethane	ND		1.0	0.44	ug/L			10/31/14 04:05	1
Chloroprene	ND		2.0	0.26	ug/L			10/31/14 04:05	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/31/14 04:05	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/31/14 04:05	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/31/14 04:05	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/31/14 04:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/31/14 04:05	1
Dibromomethane	ND		1.0	0.17	ug/L			10/31/14 04:05	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/31/14 04:05	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/31/14 04:05	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/31/14 04:05	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/31/14 04:05	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/31/14 04:05	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/31/14 04:05	1
1,4-Dioxane	71		50	40	ug/L			10/31/14 04:05	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/31/14 04:05	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/31/14 04:05	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/31/14 04:05	1
2-Hexanone	ND		10	3.9	ug/L			10/31/14 04:05	1
Iodomethane	ND		1.0	0.42	ug/L			10/31/14 04:05	1
Isobutanol	ND		50	12	ug/L			10/31/14 04:05	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/31/14 04:05	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/31/14 04:05	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/31/14 04:05	1
4-Methyl-2-pentanone (MIBK)	ND *		10	3.6	ug/L			10/31/14 04:05	1
Propionitrile	ND		4.0	0.95	ug/L			10/31/14 04:05	1
Styrene	ND		1.0	0.45	ug/L			10/31/14 04:05	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/31/14 04:05	1
1,1,2,2-Tetrachloroethane	ND *		1.0	0.22	ug/L			10/31/14 04:05	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/31/14 04:05	1
Toluene	ND		1.0	0.22	ug/L			10/31/14 04:05	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/31/14 04:05	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/31/14 04:05	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/31/14 04:05	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/31/14 04:05	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW510B/102114
Date Collected: 10/21/14 12:10
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/31/14 04:05	1
Trichloroethene	ND		1.0	0.15	ug/L			10/31/14 04:05	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/31/14 04:05	1
1,2,3-Trichloropropane	ND *		1.0	0.30	ug/L			10/31/14 04:05	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/31/14 04:05	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/31/14 04:05	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/31/14 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 120					10/31/14 04:05	1
Dibromofluoromethane (Surr)	100		75 - 121					10/31/14 04:05	1
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					10/31/14 04:05	1
Toluene-d8 (Surr)	92		74 - 120					10/31/14 04:05	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508/102114

Lab Sample ID: 240-43355-19

Matrix: Water

Date Collected: 10/21/14 12:30

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100	B *	33	11	ug/L			10/31/14 13:44	3.33
Acetonitrile	ND		67	31	ug/L			10/31/14 13:44	3.33
Acrolein	ND		67	4.8	ug/L			10/31/14 13:44	3.33
Acrylonitrile	ND		67	21	ug/L			10/31/14 13:44	3.33
Benzene	ND		3.3	0.80	ug/L			10/31/14 13:44	3.33
Bromodichloromethane	ND		3.3	0.50	ug/L			10/31/14 13:44	3.33
Bromoform	ND		3.3	1.9	ug/L			10/31/14 13:44	3.33
Bromomethane	ND		3.3	2.1	ug/L			10/31/14 13:44	3.33
2-Butanone	ND		33	14	ug/L			10/31/14 13:44	3.33
Carbon disulfide	ND		3.3	0.93	ug/L			10/31/14 13:44	3.33
Carbon tetrachloride	ND		3.3	0.57	ug/L			10/31/14 13:44	3.33
Chlorobenzene	ND		3.3	0.63	ug/L			10/31/14 13:44	3.33
Chloroethane	ND		3.3	1.1	ug/L			10/31/14 13:44	3.33
Chloroform	ND		3.3	0.70	ug/L			10/31/14 13:44	3.33
Chloromethane	ND		3.3	1.5	ug/L			10/31/14 13:44	3.33
Chloroprene	ND		6.7	0.87	ug/L			10/31/14 13:44	3.33
3-Chloro-1-propene	ND		6.7	2.8	ug/L			10/31/14 13:44	3.33
cis-1,2-Dichloroethene	3.3		3.3	0.67	ug/L			10/31/14 13:44	3.33
cis-1,3-Dichloropropene	ND *		3.3	1.5	ug/L			10/31/14 13:44	3.33
Dibromochloromethane	ND		3.3	1.4	ug/L			10/31/14 13:44	3.33
1,2-Dibromo-3-Chloropropane	ND		6.7	2.7	ug/L			10/31/14 13:44	3.33
Dibromomethane	ND		3.3	0.57	ug/L			10/31/14 13:44	3.33
Dichlorodifluoromethane	ND		3.3	1.7	ug/L			10/31/14 13:44	3.33
1,1-Dichloroethane	ND		3.3	0.87	ug/L			10/31/14 13:44	3.33
1,2-Dichloroethane	ND		3.3	0.67	ug/L			10/31/14 13:44	3.33
1,1-Dichloroethene	ND		3.3	1.5	ug/L			10/31/14 13:44	3.33
1,2-Dichloroethene, Total	3.3 J		6.7	0.67	ug/L			10/31/14 13:44	3.33
1,2-Dichloropropane	ND		3.3	0.73	ug/L			10/31/14 13:44	3.33
1,4-Dioxane	450		170	130	ug/L			10/31/14 13:44	3.33
Ethylbenzene	ND		3.3	0.77	ug/L			10/31/14 13:44	3.33
Ethylene Dibromide	ND		3.3	0.63	ug/L			10/31/14 13:44	3.33
Ethyl methacrylate	ND		3.3	1.5	ug/L			10/31/14 13:44	3.33
2-Hexanone	ND		33	13	ug/L			10/31/14 13:44	3.33
Iodomethane	ND		3.3	1.4	ug/L			10/31/14 13:44	3.33
Isobutanol	ND		170	39	ug/L			10/31/14 13:44	3.33
Methacrylonitrile	ND		6.7	2.3	ug/L			10/31/14 13:44	3.33
Methylene Chloride	ND		3.3	0.93	ug/L			10/31/14 13:44	3.33
Methyl methacrylate	ND		6.7	3.3	ug/L			10/31/14 13:44	3.33
4-Methyl-2-pentanone (MIBK)	ND *		33	12	ug/L			10/31/14 13:44	3.33
Propionitrile	ND		13	3.2	ug/L			10/31/14 13:44	3.33
Styrene	ND		3.3	1.5	ug/L			10/31/14 13:44	3.33
1,1,1,2-Tetrachloroethane	ND		3.3	0.93	ug/L			10/31/14 13:44	3.33
1,1,2,2-Tetrachloroethane	ND *		3.3	0.73	ug/L			10/31/14 13:44	3.33
Tetrachloroethene	ND		3.3	0.67	ug/L			10/31/14 13:44	3.33
Toluene	ND		3.3	0.73	ug/L			10/31/14 13:44	3.33
trans-1,4-Dichloro-2-butene	ND		3.3	1.0	ug/L			10/31/14 13:44	3.33
trans-1,2-Dichloroethene	ND		3.3	0.87	ug/L			10/31/14 13:44	3.33
trans-1,3-Dichloropropene	ND		3.3	1.9	ug/L			10/31/14 13:44	3.33
1,1,1-Trichloroethane	ND		3.3	0.73	ug/L			10/31/14 13:44	3.33

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508/102114
Date Collected: 10/21/14 12:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		3.3	0.57	ug/L			10/31/14 13:44	3.33
Trichloroethene	ND		3.3	0.50	ug/L			10/31/14 13:44	3.33
Trichlorofluoromethane	ND		3.3	1.6	ug/L			10/31/14 13:44	3.33
1,2,3-Trichloropropane	ND *		3.3	1.0	ug/L			10/31/14 13:44	3.33
Vinyl acetate	ND		6.7	1.4	ug/L			10/31/14 13:44	3.33
Vinyl chloride	ND		3.3	0.97	ug/L			10/31/14 13:44	3.33
Xylenes, Total	ND		6.7	1.4	ug/L			10/31/14 13:44	3.33
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 120					10/31/14 13:44	3.33
Dibromofluoromethane (Surr)	97		75 - 121					10/31/14 13:44	3.33
1,2-Dichloroethane-d4 (Surr)	97		63 - 129					10/31/14 13:44	3.33
Toluene-d8 (Surr)	92		74 - 120					10/31/14 13:44	3.33

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508B/102114

Lab Sample ID: 240-43355-20

Matrix: Water

Date Collected: 10/21/14 12:40

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.4	ug/L			10/31/14 04:51	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 04:51	1
Acrolein	ND		20	1.4	ug/L			10/31/14 04:51	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 04:51	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 04:51	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 04:51	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 04:51	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 04:51	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 04:51	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/31/14 04:51	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 04:51	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/31/14 04:51	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 04:51	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 04:51	1
Chloromethane	ND		1.0	0.44	ug/L			10/31/14 04:51	1
Chloroprene	ND		2.0	0.26	ug/L			10/31/14 04:51	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/31/14 04:51	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/31/14 04:51	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/31/14 04:51	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/31/14 04:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/31/14 04:51	1
Dibromomethane	ND		1.0	0.17	ug/L			10/31/14 04:51	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/31/14 04:51	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/31/14 04:51	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/31/14 04:51	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/31/14 04:51	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/31/14 04:51	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/31/14 04:51	1
1,4-Dioxane	59		50	40	ug/L			10/31/14 04:51	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/31/14 04:51	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/31/14 04:51	1
Ethyl methacrylate	ND		1.0	0.44	ug/L			10/31/14 04:51	1
2-Hexanone	ND		10	3.9	ug/L			10/31/14 04:51	1
Iodomethane	ND		1.0	0.42	ug/L			10/31/14 04:51	1
Isobutanol	ND		50	12	ug/L			10/31/14 04:51	1
Methacrylonitrile	ND		2.0	0.70	ug/L			10/31/14 04:51	1
Methylene Chloride	ND		1.0	0.28	ug/L			10/31/14 04:51	1
Methyl methacrylate	ND		2.0	0.99	ug/L			10/31/14 04:51	1
4-Methyl-2-pentanone (MIBK)	ND *		10	3.6	ug/L			10/31/14 04:51	1
Propionitrile	ND		4.0	0.95	ug/L			10/31/14 04:51	1
Styrene	ND		1.0	0.45	ug/L			10/31/14 04:51	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.28	ug/L			10/31/14 04:51	1
1,1,2,2-Tetrachloroethane	ND *		1.0	0.22	ug/L			10/31/14 04:51	1
Tetrachloroethene	ND		1.0	0.20	ug/L			10/31/14 04:51	1
Toluene	ND		1.0	0.22	ug/L			10/31/14 04:51	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.31	ug/L			10/31/14 04:51	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/L			10/31/14 04:51	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			10/31/14 04:51	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/31/14 04:51	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508B/102114

Lab Sample ID: 240-43355-20

Date Collected: 10/21/14 12:40
 Date Received: 10/22/14 08:45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			10/31/14 04:51	1
Trichloroethene	ND		1.0	0.15	ug/L			10/31/14 04:51	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			10/31/14 04:51	1
1,2,3-Trichloropropane	ND *		1.0	0.30	ug/L			10/31/14 04:51	1
Vinyl acetate	ND		2.0	0.41	ug/L			10/31/14 04:51	1
Vinyl chloride	ND		1.0	0.29	ug/L			10/31/14 04:51	1
Xylenes, Total	ND		2.0	0.43	ug/L			10/31/14 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 120					10/31/14 04:51	1
Dibromofluoromethane (Surr)	99		75 - 121					10/31/14 04:51	1
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					10/31/14 04:51	1
Toluene-d8 (Surr)	90		74 - 120					10/31/14 04:51	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW031A/102114

Lab Sample ID: 240-43355-21

Matrix: Water

Date Collected: 10/21/14 15:30

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		130	43	ug/L			10/31/14 05:13	12.5
Acetonitrile	ND		250	120	ug/L			10/31/14 05:13	12.5
Acrolein	ND		250	18	ug/L			10/31/14 05:13	12.5
Acrylonitrile	ND		250	79	ug/L			10/31/14 05:13	12.5
Benzene	7.1 J		13	3.0	ug/L			10/31/14 05:13	12.5
Bromodichloromethane	ND		13	1.9	ug/L			10/31/14 05:13	12.5
Bromoform	ND		13	7.0	ug/L			10/31/14 05:13	12.5
Bromomethane	ND		13	7.9	ug/L			10/31/14 05:13	12.5
2-Butanone	ND		130	51	ug/L			10/31/14 05:13	12.5
Carbon disulfide	ND		13	3.5	ug/L			10/31/14 05:13	12.5
Carbon tetrachloride	ND		13	2.1	ug/L			10/31/14 05:13	12.5
Chlorobenzene	2.7 J		13	2.4	ug/L			10/31/14 05:13	12.5
Chloroethane	ND		13	4.1	ug/L			10/31/14 05:13	12.5
Chloroform	ND		13	2.6	ug/L			10/31/14 05:13	12.5
Chloromethane	ND		13	5.5	ug/L			10/31/14 05:13	12.5
Chloroprene	ND		25	3.3	ug/L			10/31/14 05:13	12.5
3-Chloro-1-propene	ND		25	11	ug/L			10/31/14 05:13	12.5
cis-1,2-Dichloroethene	350		13	2.5	ug/L			10/31/14 05:13	12.5
cis-1,3-Dichloropropene	ND		13	5.8	ug/L			10/31/14 05:13	12.5
Dibromochloromethane	ND		13	5.4	ug/L			10/31/14 05:13	12.5
1,2-Dibromo-3-Chloropropane	ND		25	10	ug/L			10/31/14 05:13	12.5
Dibromomethane	ND		13	2.1	ug/L			10/31/14 05:13	12.5
Dichlorodifluoromethane	ND		13	6.3	ug/L			10/31/14 05:13	12.5
1,1-Dichloroethane	ND		13	3.3	ug/L			10/31/14 05:13	12.5
1,2-Dichloroethane	35		13	2.5	ug/L			10/31/14 05:13	12.5
1,1-Dichloroethene	ND		13	5.6	ug/L			10/31/14 05:13	12.5
1,2-Dichloroethene, Total	360		25	2.5	ug/L			10/31/14 05:13	12.5
1,2-Dichloropropane	ND		13	2.8	ug/L			10/31/14 05:13	12.5
1,4-Dioxane	6800		630	500	ug/L			10/31/14 05:13	12.5
Ethylbenzene	ND		13	2.9	ug/L			10/31/14 05:13	12.5
Ethylene Dibromide	ND		13	2.4	ug/L			10/31/14 05:13	12.5
Ethyl methacrylate	ND		13	5.5	ug/L			10/31/14 05:13	12.5
2-Hexanone	ND		130	49	ug/L			10/31/14 05:13	12.5
Iodomethane	ND		13	5.3	ug/L			10/31/14 05:13	12.5
Isobutanol	ND		630	150	ug/L			10/31/14 05:13	12.5
Methacrylonitrile	ND		25	8.8	ug/L			10/31/14 05:13	12.5
Methylene Chloride	ND		13	3.5	ug/L			10/31/14 05:13	12.5
Methyl methacrylate	ND		25	12	ug/L			10/31/14 05:13	12.5
4-Methyl-2-pentanone (MIBK)	ND *		130	45	ug/L			10/31/14 05:13	12.5
Propionitrile	ND		50	12	ug/L			10/31/14 05:13	12.5
Styrene	ND		13	5.6	ug/L			10/31/14 05:13	12.5
1,1,1,2-Tetrachloroethane	ND		13	3.5	ug/L			10/31/14 05:13	12.5
1,1,2,2-Tetrachloroethane	ND *		13	2.8	ug/L			10/31/14 05:13	12.5
Tetrachloroethene	79		13	2.5	ug/L			10/31/14 05:13	12.5
Toluene	ND		13	2.8	ug/L			10/31/14 05:13	12.5
trans-1,4-Dichloro-2-butene	ND		13	3.9	ug/L			10/31/14 05:13	12.5
trans-1,2-Dichloroethene	9.5 J		13	3.3	ug/L			10/31/14 05:13	12.5
trans-1,3-Dichloropropene	ND		13	7.0	ug/L			10/31/14 05:13	12.5
1,1,1-Trichloroethane	ND		13	2.8	ug/L			10/31/14 05:13	12.5

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW031A/102114
Date Collected: 10/21/14 15:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13	2.1	ug/L			10/31/14 05:13	12.5
Trichloroethene	470		13	1.9	ug/L			10/31/14 05:13	12.5
Trichlorofluoromethane	ND		13	6.1	ug/L			10/31/14 05:13	12.5
1,2,3-Trichloropropane	ND *		13	3.8	ug/L			10/31/14 05:13	12.5
Vinyl acetate	ND		25	5.1	ug/L			10/31/14 05:13	12.5
Vinyl chloride	92		13	3.6	ug/L			10/31/14 05:13	12.5
Xylenes, Total	ND		25	5.4	ug/L			10/31/14 05:13	12.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		66 - 120					10/31/14 05:13	12.5
Dibromofluoromethane (Surr)	99		75 - 121					10/31/14 05:13	12.5
1,2-Dichloroethane-d4 (Surr)	100		63 - 129					10/31/14 05:13	12.5
Toluene-d8 (Surr)	93		74 - 120					10/31/14 05:13	12.5

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW031D/102114

Lab Sample ID: 240-43355-22

Matrix: Water

Date Collected: 10/21/14 15:25

Date Received: 10/22/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		33	11	ug/L			10/31/14 05:36	3.33
Acetonitrile	ND		67	31	ug/L			10/31/14 05:36	3.33
Acrolein	ND		67	4.8	ug/L			10/31/14 05:36	3.33
Acrylonitrile	ND		67	21	ug/L			10/31/14 05:36	3.33
Benzene	ND		3.3	0.80	ug/L			10/31/14 05:36	3.33
Bromodichloromethane	ND		3.3	0.50	ug/L			10/31/14 05:36	3.33
Bromoform	ND		3.3	1.9	ug/L			10/31/14 05:36	3.33
Bromomethane	ND		3.3	2.1	ug/L			10/31/14 05:36	3.33
2-Butanone	ND		33	14	ug/L			10/31/14 05:36	3.33
Carbon disulfide	ND		3.3	0.93	ug/L			10/31/14 05:36	3.33
Carbon tetrachloride	ND		3.3	0.57	ug/L			10/31/14 05:36	3.33
Chlorobenzene	ND		3.3	0.63	ug/L			10/31/14 05:36	3.33
Chloroethane	ND		3.3	1.1	ug/L			10/31/14 05:36	3.33
Chloroform	ND		3.3	0.70	ug/L			10/31/14 05:36	3.33
Chloromethane	ND		3.3	1.5	ug/L			10/31/14 05:36	3.33
Chloroprene	ND		6.7	0.87	ug/L			10/31/14 05:36	3.33
3-Chloro-1-propene	ND		6.7	2.8	ug/L			10/31/14 05:36	3.33
cis-1,2-Dichloroethene	92		3.3	0.67	ug/L			10/31/14 05:36	3.33
cis-1,3-Dichloropropene	ND		3.3	1.5	ug/L			10/31/14 05:36	3.33
Dibromochloromethane	ND		3.3	1.4	ug/L			10/31/14 05:36	3.33
1,2-Dibromo-3-Chloropropane	ND		6.7	2.7	ug/L			10/31/14 05:36	3.33
Dibromomethane	ND		3.3	0.57	ug/L			10/31/14 05:36	3.33
Dichlorodifluoromethane	ND		3.3	1.7	ug/L			10/31/14 05:36	3.33
1,1-Dichloroethane	0.89 J		3.3	0.87	ug/L			10/31/14 05:36	3.33
1,2-Dichloroethane	130		3.3	0.67	ug/L			10/31/14 05:36	3.33
1,1-Dichloroethene	ND		3.3	1.5	ug/L			10/31/14 05:36	3.33
1,2-Dichloroethene, Total	94		6.7	0.67	ug/L			10/31/14 05:36	3.33
1,2-Dichloropropane	ND		3.3	0.73	ug/L			10/31/14 05:36	3.33
1,4-Dioxane	1300		170	130	ug/L			10/31/14 05:36	3.33
Ethylbenzene	ND		3.3	0.77	ug/L			10/31/14 05:36	3.33
Ethylene Dibromide	ND		3.3	0.63	ug/L			10/31/14 05:36	3.33
Ethyl methacrylate	ND		3.3	1.5	ug/L			10/31/14 05:36	3.33
2-Hexanone	ND		33	13	ug/L			10/31/14 05:36	3.33
Iodomethane	ND		3.3	1.4	ug/L			10/31/14 05:36	3.33
Isobutanol	ND		170	39	ug/L			10/31/14 05:36	3.33
Methacrylonitrile	ND		6.7	2.3	ug/L			10/31/14 05:36	3.33
Methylene Chloride	ND		3.3	0.93	ug/L			10/31/14 05:36	3.33
Methyl methacrylate	ND		6.7	3.3	ug/L			10/31/14 05:36	3.33
4-Methyl-2-pentanone (MIBK)	ND *		33	12	ug/L			10/31/14 05:36	3.33
Propionitrile	ND		13	3.2	ug/L			10/31/14 05:36	3.33
Styrene	ND		3.3	1.5	ug/L			10/31/14 05:36	3.33
1,1,1,2-Tetrachloroethane	ND		3.3	0.93	ug/L			10/31/14 05:36	3.33
1,1,2,2-Tetrachloroethane	ND *		3.3	0.73	ug/L			10/31/14 05:36	3.33
Tetrachloroethene	0.80 J		3.3	0.67	ug/L			10/31/14 05:36	3.33
Toluene	ND		3.3	0.73	ug/L			10/31/14 05:36	3.33
trans-1,4-Dichloro-2-butene	ND		3.3	1.0	ug/L			10/31/14 05:36	3.33
trans-1,2-Dichloroethene	1.7 J		3.3	0.87	ug/L			10/31/14 05:36	3.33
trans-1,3-Dichloropropene	ND		3.3	1.9	ug/L			10/31/14 05:36	3.33
1,1,1-Trichloroethane	ND		3.3	0.73	ug/L			10/31/14 05:36	3.33

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW031D/102114
Date Collected: 10/21/14 15:25
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		3.3	0.57	ug/L			10/31/14 05:36	3.33
Trichloroethene	51		3.3	0.50	ug/L			10/31/14 05:36	3.33
Trichlorofluoromethane	ND		3.3	1.6	ug/L			10/31/14 05:36	3.33
1,2,3-Trichloropropane	ND *		3.3	1.0	ug/L			10/31/14 05:36	3.33
Vinyl acetate	ND		6.7	1.4	ug/L			10/31/14 05:36	3.33
Vinyl chloride	18		3.3	0.97	ug/L			10/31/14 05:36	3.33
Xylenes, Total	ND		6.7	1.4	ug/L			10/31/14 05:36	3.33
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 120					10/31/14 05:36	3.33
Dibromofluoromethane (Surr)	98		75 - 121					10/31/14 05:36	3.33
1,2-Dichloroethane-d4 (Surr)	97		63 - 129					10/31/14 05:36	3.33
Toluene-d8 (Surr)	93		74 - 120					10/31/14 05:36	3.33

Surrogate Summary

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (66-120)	DBFM (75-121)	12DCE (63-129)	TOL (74-120)
240-43355-1	DCINFLOW/102014	85	85	72	77
240-43355-1 MS	DCINFLOW/102014	87	81	67	76
240-43355-1 MSD	DCINFLOW/102014	84	82	69	81
240-43355-2	DCOUTFLOW/102014	85	85	72	80
240-43355-3	DW001/102014	85	88	74	81
240-43355-4	DW002/102014	85	85	70	77
240-43355-5	DW003/102014	86	86	70	80
240-43355-6	DW004/102014	87	86	71	78
240-43355-7	TB01/102014	86	83	69	83
240-43355-8	FB02/102114	85	82	69	80
240-43355-9	WRPZ05/102114	91	93	75	81
240-43355-10	VE542/11.5-16.5/102114	87	88	69	79
240-43355-11	WRPZ10/102114	89	89	71	77
240-43355-12	WRPZ15/102114	87	84	69	79
240-43355-13	MW505A/102114	83	84	68	79
240-43355-14	MW505B/102114	87	87	70	80
240-43355-15	MW509A/102114	84	100	98	89
240-43355-16	MW509B/102114	85	99	98	92
240-43355-17	MW510A/102114	83	98	97	91
240-43355-18	MW510B/102114	89	100	98	92
240-43355-19	MW508/102114	83	97	97	92
240-43355-20	MW508B/102114	84	99	98	90
240-43355-21	MW031A/102114	90	99	100	93
240-43355-22	MW031D/102114	89	98	97	93
240-43355-22 MS	MW031D/102114	94	95	95	88
240-43355-22 MSD	MW031D/102114	92	93	93	87
LCS 240-154068/4	Lab Control Sample	91	89	79	82
LCS 240-154123/4	Lab Control Sample	95	90	89	87
LCS 240-154284/4	Lab Control Sample	94	92	90	84
MB 240-154068/6	Method Blank	88	87	76	80
MB 240-154123/5	Method Blank	89	98	98	93
MB 240-154284/5	Method Blank	82	94	94	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-154068/6

Matrix: Water

Analysis Batch: 154068

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
Acetone	ND		1	10	3.4	ug/L		10/30/14 12:02	
Acetonitrile	ND		1	20	9.2	ug/L		10/30/14 12:02	
Acrolein	ND		1	20	1.4	ug/L		10/30/14 12:02	
Acrylonitrile	ND		1	20	6.3	ug/L		10/30/14 12:02	
Benzene	ND		1	1.0	0.24	ug/L		10/30/14 12:02	
Bromodichloromethane	ND		1	1.0	0.15	ug/L		10/30/14 12:02	
Bromoform	ND		1	1.0	0.56	ug/L		10/30/14 12:02	
Bromomethane	ND		1	1.0	0.63	ug/L		10/30/14 12:02	
2-Butanone	ND		1	10	4.1	ug/L		10/30/14 12:02	
Carbon disulfide	ND		1	1.0	0.28	ug/L		10/30/14 12:02	
Carbon tetrachloride	ND		1	1.0	0.17	ug/L		10/30/14 12:02	
Chlorobenzene	ND		1	1.0	0.19	ug/L		10/30/14 12:02	
Chloroethane	ND		1	1.0	0.33	ug/L		10/30/14 12:02	
Chloroform	ND		1	1.0	0.21	ug/L		10/30/14 12:02	
Chloromethane	ND		1	1.0	0.44	ug/L		10/30/14 12:02	
Chloroprene	ND		1	2.0	0.26	ug/L		10/30/14 12:02	
3-Chloro-1-propene	ND		1	2.0	0.84	ug/L		10/30/14 12:02	
cis-1,2-Dichloroethene	ND		1	1.0	0.20	ug/L		10/30/14 12:02	
cis-1,3-Dichloropropene	ND		1	1.0	0.46	ug/L		10/30/14 12:02	
Dibromochloromethane	ND		1	1.0	0.43	ug/L		10/30/14 12:02	
1,2-Dibromo-3-Chloropropane	ND		1	2.0	0.82	ug/L		10/30/14 12:02	
Dibromomethane	ND		1	1.0	0.17	ug/L		10/30/14 12:02	
Dichlorodifluoromethane	ND		1	1.0	0.50	ug/L		10/30/14 12:02	
1,1-Dichloroethane	ND		1	1.0	0.26	ug/L		10/30/14 12:02	
1,2-Dichloroethane	ND		1	1.0	0.20	ug/L		10/30/14 12:02	
1,1-Dichloroethene	ND		1	1.0	0.45	ug/L		10/30/14 12:02	
1,2-Dichloroethene, Total	ND		1	2.0	0.20	ug/L		10/30/14 12:02	
1,2-Dichloropropane	ND		1	1.0	0.22	ug/L		10/30/14 12:02	
1,4-Dioxane	ND		1	50	40	ug/L		10/30/14 12:02	
Ethylbenzene	ND		1	1.0	0.23	ug/L		10/30/14 12:02	
Ethylene Dibromide	ND		1	1.0	0.19	ug/L		10/30/14 12:02	
Ethyl methacrylate	ND		1	1.0	0.44	ug/L		10/30/14 12:02	
2-Hexanone	ND		1	10	3.9	ug/L		10/30/14 12:02	
Iodomethane	ND		1	1.0	0.42	ug/L		10/30/14 12:02	
Isobutanol	ND		1	50	12	ug/L		10/30/14 12:02	
Methacrylonitrile	ND		1	2.0	0.70	ug/L		10/30/14 12:02	
Methylene Chloride	ND		1	1.0	0.28	ug/L		10/30/14 12:02	
Methyl methacrylate	ND		1	2.0	0.99	ug/L		10/30/14 12:02	
4-Methyl-2-pentanone (MIBK)	ND		1	10	3.6	ug/L		10/30/14 12:02	
Propionitrile	ND		1	4.0	0.95	ug/L		10/30/14 12:02	
Styrene	ND		1	1.0	0.45	ug/L		10/30/14 12:02	
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.28	ug/L		10/30/14 12:02	
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.22	ug/L		10/30/14 12:02	
Tetrachloroethene	ND		1	1.0	0.20	ug/L		10/30/14 12:02	
Toluene	ND		1	1.0	0.22	ug/L		10/30/14 12:02	
trans-1,4-Dichloro-2-butene	ND		1	1.0	0.31	ug/L		10/30/14 12:02	
trans-1,2-Dichloroethene	ND		1	1.0	0.26	ug/L		10/30/14 12:02	
trans-1,3-Dichloropropene	ND		1	1.0	0.56	ug/L		10/30/14 12:02	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-154068/6

Matrix: Water

Analysis Batch: 154068

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1-Trichloroethane	ND				1.0	0.22	ug/L			10/30/14 12:02	1
1,1,2-Trichloroethane	ND				1.0	0.17	ug/L			10/30/14 12:02	1
Trichloroethene	ND				1.0	0.15	ug/L			10/30/14 12:02	1
Trichlorofluoromethane	ND				1.0	0.49	ug/L			10/30/14 12:02	1
1,2,3-Trichloropropane	ND				1.0	0.30	ug/L			10/30/14 12:02	1
Vinyl acetate	ND				2.0	0.41	ug/L			10/30/14 12:02	1
Vinyl chloride	ND				1.0	0.29	ug/L			10/30/14 12:02	1
Xylenes, Total	ND				2.0	0.43	ug/L			10/30/14 12:02	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	88		66 - 120							10/30/14 12:02	1
Dibromofluoromethane (Surr)	87		75 - 121							10/30/14 12:02	1
1,2-Dichloroethane-d4 (Surr)	76		63 - 129							10/30/14 12:02	1
Toluene-d8 (Surr)	80		74 - 120							10/30/14 12:02	1

Lab Sample ID: LCS 240-154068/4

Matrix: Water

Analysis Batch: 154068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCs	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Acetone	20.0	15.2		ug/L		76	43 - 136
Acrolein	50.0	52.6		ug/L		105	51 - 170
Acrylonitrile	100	84.8		ug/L		85	66 - 132
Benzene	10.0	9.89		ug/L		99	80 - 120
Bromodichloromethane	10.0	9.05		ug/L		91	72 - 121
Bromoform	10.0	8.63		ug/L		86	40 - 131
Bromomethane	10.0	11.3		ug/L		113	11 - 185
2-Butanone	20.0	14.8		ug/L		74	60 - 126
Carbon disulfide	10.0	10.7		ug/L		107	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	9.80		ug/L		98	80 - 120
Chloroethane	10.0	10.3		ug/L		103	25 - 153
Chloroform	10.0	10.2		ug/L		102	79 - 120
Chloromethane	10.0	8.13		ug/L		81	44 - 126
3-Chloro-1-propene	10.0	9.29		ug/L		93	40 - 160
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
cis-1,3-Dichloropropene	10.0	9.68		ug/L		97	61 - 120
Dibromochloromethane	10.0	8.77		ug/L		88	64 - 120
1,2-Dibromo-3-Chloropropane	10.0	7.63		ug/L		76	42 - 136
Dibromomethane	10.0	8.93		ug/L		89	80 - 120
Dichlorodifluoromethane	10.0	7.79		ug/L		78	19 - 129
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,2-Dichloroethane	10.0	9.26		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	10.3		ug/L		103	78 - 131
1,2-Dichloroethene, Total	20.0	21.1		ug/L		106	80 - 120
1,2-Dichloropropane	10.0	9.50		ug/L		95	80 - 120
1,4-Dioxane	200	134		ug/L		67	50 - 150
Ethylbenzene	10.0	9.98		ug/L		100	80 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-154068/4

Matrix: Water

Analysis Batch: 154068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
Ethylene Dibromide	10.0	8.72		ug/L		87	79 - 120
Ethyl methacrylate	10.0	8.97		ug/L		90	40 - 160
2-Hexanone	20.0	13.8		ug/L		69	55 - 133
Iodomethane	10.0	11.1		ug/L		111	72 - 141
Isobutanol	250	164		ug/L		65	40 - 160
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.2		ug/L		76	63 - 128
m-Xylene & p-Xylene	10.0	9.60		ug/L		96	80 - 120
o-Xylene	10.0	9.44		ug/L		94	80 - 120
Styrene	10.0	9.25		ug/L		93	79 - 120
1,1,1,2-Tetrachloroethane	10.0	8.88		ug/L		89	72 - 120
1,1,2,2-Tetrachloroethane	10.0	8.78		ug/L		88	68 - 120
Tetrachloroethene	10.0	9.38		ug/L		94	79 - 120
Toluene	10.0	9.41		ug/L		94	80 - 120
trans-1,4-Dichloro-2-butene	10.0	7.42		ug/L		74	10 - 199
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	80 - 120
trans-1,3-Dichloropropene	10.0	9.60		ug/L		96	58 - 120
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	74 - 120
1,1,2-Trichloroethane	10.0	9.11		ug/L		91	80 - 120
Trichloroethene	10.0	9.91		ug/L		99	76 - 120
Trichlorofluoromethane	10.0	10.3		ug/L		103	49 - 157
1,2,3-Trichloropropane	10.0	8.58		ug/L		86	73 - 129
Vinyl acetate	8.00	9.87		ug/L		123	46 - 161
Vinyl chloride	10.0	8.42		ug/L		84	53 - 127
Xylenes, Total	20.0	19.0		ug/L		95	80 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	91		66 - 120
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	79		63 - 129
Toluene-d8 (Surr)	82		74 - 120

Lab Sample ID: 240-43355-1 MS

Matrix: Water

Analysis Batch: 154068

Client Sample ID: DCINFLOW/102014
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.
				Result	Qualifier				
Acetone	ND		20.0	9.62	J	ug/L		48	33 - 145
Acrolein	ND		50.0	37.2		ug/L		74	47 - 168
Acrylonitrile	ND		100	58.4	F1	ug/L		58	62 - 133
Benzene	ND		10.0	9.05		ug/L		90	72 - 121
Bromodichloromethane	ND		10.0	8.07		ug/L		81	67 - 120
Bromoform	ND		10.0	6.08		ug/L		61	32 - 128
Bromomethane	ND		10.0	15.5		ug/L		155	10 - 186
2-Butanone	ND		20.0	8.89	J F1	ug/L		44	54 - 129
Carbon disulfide	ND		10.0	10.5		ug/L		105	57 - 147
Carbon tetrachloride	ND		10.0	10.6		ug/L		106	59 - 129
Chlorobenzene	ND		10.0	9.02		ug/L		90	80 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-1 MS

Client Sample ID: DCINFLOW/102014

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 154068

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier						
Chloroethane	ND		10.0	12.4		ug/L		124	21 - 165		
Chloroform	ND		10.0	9.00		ug/L		90	76 - 120		
Chloromethane	ND		10.0	8.64		ug/L		86	33 - 132		
3-Chloro-1-propene	ND		10.0	8.59		ug/L		86	10 - 160		
cis-1,2-Dichloroethene	ND		10.0	9.36		ug/L		94	70 - 120		
cis-1,3-Dichloropropene	ND		10.0	8.38		ug/L		84	51 - 120		
Dibromochloromethane	ND		10.0	6.81		ug/L		68	56 - 120		
1,2-Dibromo-3-Chloropropane	ND		10.0	5.00		ug/L		50	32 - 139		
Dibromomethane	ND		10.0	7.19	F1	ug/L		72	77 - 121		
Dichlorodifluoromethane	ND		10.0	7.47		ug/L		75	17 - 128		
1,1-Dichloroethane	ND		10.0	9.34		ug/L		93	79 - 120		
1,2-Dichloroethane	ND		10.0	7.50		ug/L		75	68 - 129		
1,1-Dichloroethene	ND		10.0	10.3		ug/L		103	74 - 135		
1,2-Dichloroethene, Total	ND		20.0	20.0		ug/L		100	75 - 120		
1,2-Dichloropropene	ND		10.0	8.92		ug/L		89	78 - 120		
1,4-Dioxane	ND		200	76.9	F1	ug/L		38	50 - 150		
Ethylbenzene	ND		10.0	9.16		ug/L		92	75 - 120		
Ethylene Dibromide	ND		10.0	6.78	F1	ug/L		68	74 - 120		
Ethyl methacrylate	ND		10.0	6.56		ug/L		66	10 - 160		
2-Hexanone	ND		20.0	9.02	J F1	ug/L		45	47 - 139		
Iodomethane	ND		10.0	11.3		ug/L		113	66 - 144		
Isobutanol	ND		250	94.4	F1	ug/L		38	40 - 160		
Methylene Chloride	ND		10.0	10.0		ug/L		100	63 - 128		
4-Methyl-2-pentanone (MIBK)	ND		20.0	11.0	F1	ug/L		55	56 - 131		
m-Xylene & p-Xylene	ND		10.0	8.93		ug/L		89	75 - 120		
o-Xylene	ND		10.0	8.78		ug/L		88	76 - 120		
Styrene	ND		10.0	8.53		ug/L		85	71 - 120		
1,1,1,2-Tetrachloroethane	ND		10.0	8.36		ug/L		84	64 - 120		
1,1,2,2-Tetrachloroethane	ND		10.0	6.75		ug/L		68	63 - 122		
Tetrachloroethene	ND		10.0	8.68		ug/L		87	70 - 120		
Toluene	ND		10.0	8.48		ug/L		85	78 - 120		
trans-1,4-Dichloro-2-butene	ND		10.0	3.57		ug/L		36	10 - 199		
trans-1,2-Dichloroethene	ND		10.0	10.6		ug/L		106	80 - 120		
trans-1,3-Dichloropropene	ND		10.0	7.29		ug/L		73	46 - 120		
1,1,1-Trichloroethane	ND		10.0	10.8		ug/L		108	68 - 121		
1,1,2-Trichloroethane	ND		10.0	7.19	F1	ug/L		72	75 - 120		
Trichloroethene	ND		10.0	9.15		ug/L		91	66 - 120		
Trichlorofluoromethane	ND		10.0	11.1		ug/L		111	46 - 157		
1,2,3-Trichloropropane	ND		10.0	6.63	F1	ug/L		66	67 - 132		
Vinyl acetate	ND		8.00	6.64		ug/L		83	43 - 157		
Vinyl chloride	ND		10.0	8.61		ug/L		86	49 - 130		
Xylenes, Total	ND		20.0	17.7		ug/L		89	76 - 120		

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	87		66 - 120
Dibromofluoromethane (Surr)	81		75 - 121
1,2-Dichloroethane-d4 (Surr)	67		63 - 129
Toluene-d8 (Surr)	76		74 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-1 MSD

Matrix: Water

Analysis Batch: 154068

Client Sample ID: DCINFLOW/102014

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acetone	ND		20.0	10.4		ug/L	52	33 - 145	7	30	
Acrolein	ND		50.0	39.2		ug/L	78	47 - 168	5	30	
Acrylonitrile	ND		100	62.7		ug/L	63	62 - 133	7	30	
Benzene	ND		10.0	9.60		ug/L	96	72 - 121	6	30	
Bromodichloromethane	ND		10.0	8.63		ug/L	86	67 - 120	7	30	
Bromoform	ND		10.0	6.43		ug/L	64	32 - 128	6	30	
Bromomethane	ND		10.0	15.0		ug/L	150	10 - 186	3	30	
2-Butanone	ND		20.0	9.34	J F1	ug/L	47	54 - 129	5	30	
Carbon disulfide	ND		10.0	11.2		ug/L	112	57 - 147	6	30	
Carbon tetrachloride	ND		10.0	11.2		ug/L	112	59 - 129	5	30	
Chlorobenzene	ND		10.0	9.45		ug/L	94	80 - 120	5	30	
Chloroethane	ND		10.0	12.2		ug/L	122	21 - 165	2	30	
Chloroform	ND		10.0	9.98		ug/L	100	76 - 120	10	30	
Chloromethane	ND		10.0	8.65		ug/L	86	33 - 132	0	30	
3-Chloro-1-propene	ND		10.0	9.30		ug/L	93	10 - 160	8	30	
cis-1,2-Dichloroethene	ND		10.0	10.2		ug/L	102	70 - 120	9	30	
cis-1,3-Dichloropropene	ND		10.0	8.49		ug/L	85	51 - 120	1	30	
Dibromochloromethane	ND		10.0	7.48		ug/L	75	56 - 120	9	30	
1,2-Dibromo-3-Chloropropane	ND		10.0	5.66		ug/L	57	32 - 139	12	30	
Dibromomethane	ND		10.0	7.65		ug/L	77	77 - 121	6	30	
Dichlorodifluoromethane	ND		10.0	7.54		ug/L	75	17 - 128	1	30	
1,1-Dichloroethane	ND		10.0	10.2		ug/L	102	79 - 120	8	30	
1,2-Dichloroethane	ND		10.0	8.06		ug/L	81	68 - 129	7	30	
1,1-Dichloroethene	ND		10.0	10.9		ug/L	109	74 - 135	5	30	
1,2-Dichloroethene, Total	ND		20.0	21.3		ug/L	107	75 - 120	6	30	
1,2-Dichloropropene	ND		10.0	9.13		ug/L	91	78 - 120	2	30	
1,4-Dioxane	ND		200	94.4	F1	ug/L	47	50 - 150	20	30	
Ethylbenzene	ND		10.0	9.63		ug/L	96	75 - 120	5	30	
Ethylene Dibromide	ND		10.0	6.94	F1	ug/L	69	74 - 120	2	30	
Ethyl methacrylate	ND		10.0	6.91		ug/L	69	10 - 160	5	30	
2-Hexanone	ND		20.0	9.22	J F1	ug/L	46	47 - 139	2	30	
Iodomethane	ND		10.0	12.0		ug/L	120	66 - 144	6	30	
Isobutanol	ND		250	117		ug/L	47	40 - 160	21	30	
Methylene Chloride	ND		10.0	10.8		ug/L	108	63 - 128	7	30	
4-Methyl-2-pentanone (MIBK)	ND		20.0	11.1		ug/L	56	56 - 131	2	30	
m-Xylene & p-Xylene	ND		10.0	9.39		ug/L	94	75 - 120	5	30	
o-Xylene	ND		10.0	9.62		ug/L	96	76 - 120	9	30	
Styrene	ND		10.0	8.90		ug/L	89	71 - 120	4	30	
1,1,1,2-Tetrachloroethane	ND		10.0	9.19		ug/L	92	64 - 120	9	30	
1,1,2,2-Tetrachloroethane	ND		10.0	7.02		ug/L	70	63 - 122	4	30	
Tetrachloroethene	ND		10.0	9.35		ug/L	93	70 - 120	7	30	
Toluene	ND		10.0	9.30		ug/L	93	78 - 120	9	30	
trans-1,4-Dichloro-2-butene	ND		10.0	4.30		ug/L	43	10 - 199	19	30	
trans-1,2-Dichloroethene	ND		10.0	11.1		ug/L	111	80 - 120	5	30	
trans-1,3-Dichloropropene	ND		10.0	7.76		ug/L	78	46 - 120	6	30	
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L	113	68 - 121	5	30	
1,1,2-Trichloroethane	ND		10.0	7.60		ug/L	76	75 - 120	6	30	
Trichloroethene	ND		10.0	9.68		ug/L	97	66 - 120	6	30	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-1 MSD

Matrix: Water

Analysis Batch: 154068

Client Sample ID: DCINFLOW/102014

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Trichlorofluoromethane	ND		10.0	11.3		ug/L		113	46 - 157	1	30
1,2,3-Trichloropropane	ND		10.0	6.81		ug/L		68	67 - 132	3	30
Vinyl acetate	ND		8.00	6.94		ug/L		87	43 - 157	4	30
Vinyl chloride	ND		10.0	8.68		ug/L		87	49 - 130	1	30
Xylenes, Total	ND		20.0	19.0		ug/L		95	76 - 120	7	30
<hr/>											
Surrogate	MSD		MSD		Limits						
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	84				66 - 120						
Dibromofluoromethane (Surr)	82				75 - 121						
1,2-Dichloroethane-d4 (Surr)	69				63 - 129						
Toluene-d8 (Surr)	81				74 - 120						

Lab Sample ID: MB 240-154123/5

Matrix: Water

Analysis Batch: 154123

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		10	3.4	ug/L			10/30/14 22:03	1
Acetonitrile	ND		20	9.2	ug/L			10/30/14 22:03	1
Acrolein	ND		20	1.4	ug/L			10/30/14 22:03	1
Acrylonitrile	ND		20	6.3	ug/L			10/30/14 22:03	1
Benzene	ND		1.0	0.24	ug/L			10/30/14 22:03	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/30/14 22:03	1
Bromoform	ND		1.0	0.56	ug/L			10/30/14 22:03	1
Bromomethane	ND		1.0	0.63	ug/L			10/30/14 22:03	1
2-Butanone	ND		10	4.1	ug/L			10/30/14 22:03	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/30/14 22:03	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/30/14 22:03	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/30/14 22:03	1
Chloroethane	ND		1.0	0.33	ug/L			10/30/14 22:03	1
Chloroform	ND		1.0	0.21	ug/L			10/30/14 22:03	1
Chloromethane	ND		1.0	0.44	ug/L			10/30/14 22:03	1
Chloroprene	ND		2.0	0.26	ug/L			10/30/14 22:03	1
3-Chloro-1-propene	ND		2.0	0.84	ug/L			10/30/14 22:03	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			10/30/14 22:03	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			10/30/14 22:03	1
Dibromochloromethane	ND		1.0	0.43	ug/L			10/30/14 22:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			10/30/14 22:03	1
Dibromomethane	ND		1.0	0.17	ug/L			10/30/14 22:03	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			10/30/14 22:03	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			10/30/14 22:03	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/30/14 22:03	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			10/30/14 22:03	1
1,2-Dichloroethene, Total	ND		2.0	0.20	ug/L			10/30/14 22:03	1
1,2-Dichloropropane	ND		1.0	0.22	ug/L			10/30/14 22:03	1
1,4-Dioxane	ND		50	40	ug/L			10/30/14 22:03	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 22:03	1
Ethylene Dibromide	ND		1.0	0.19	ug/L			10/30/14 22:03	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-154123/5

Matrix: Water

Analysis Batch: 154123

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Ethyl methacrylate	ND				1.0	0.44	ug/L			10/30/14 22:03	1
2-Hexanone	ND				10	3.9	ug/L			10/30/14 22:03	1
Iodomethane	ND				1.0	0.42	ug/L			10/30/14 22:03	1
Isobutanol	ND				50	12	ug/L			10/30/14 22:03	1
Methacrylonitrile	ND				2.0	0.70	ug/L			10/30/14 22:03	1
Methylene Chloride	ND				1.0	0.28	ug/L			10/30/14 22:03	1
Methyl methacrylate	ND				2.0	0.99	ug/L			10/30/14 22:03	1
4-Methyl-2-pentanone (MIBK)	ND				10	3.6	ug/L			10/30/14 22:03	1
Propionitrile	ND				4.0	0.95	ug/L			10/30/14 22:03	1
Styrene	ND				1.0	0.45	ug/L			10/30/14 22:03	1
1,1,1,2-Tetrachloroethane	ND				1.0	0.28	ug/L			10/30/14 22:03	1
1,1,2,2-Tetrachloroethane	ND				1.0	0.22	ug/L			10/30/14 22:03	1
Tetrachloroethene	ND				1.0	0.20	ug/L			10/30/14 22:03	1
Toluene	ND				1.0	0.22	ug/L			10/30/14 22:03	1
trans-1,4-Dichloro-2-butene	ND				1.0	0.31	ug/L			10/30/14 22:03	1
trans-1,2-Dichloroethene	ND				1.0	0.26	ug/L			10/30/14 22:03	1
trans-1,3-Dichloropropene	ND				1.0	0.56	ug/L			10/30/14 22:03	1
1,1,1-Trichloroethane	ND				1.0	0.22	ug/L			10/30/14 22:03	1
1,1,2-Trichloroethane	ND				1.0	0.17	ug/L			10/30/14 22:03	1
Trichloroethene	ND				1.0	0.15	ug/L			10/30/14 22:03	1
Trichlorofluoromethane	ND				1.0	0.49	ug/L			10/30/14 22:03	1
1,2,3-Trichloropropane	ND				1.0	0.30	ug/L			10/30/14 22:03	1
Vinyl acetate	ND				2.0	0.41	ug/L			10/30/14 22:03	1
Vinyl chloride	ND				1.0	0.29	ug/L			10/30/14 22:03	1
Xylenes, Total	ND				2.0	0.43	ug/L			10/30/14 22:03	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4-Bromofluorobenzene (Surr)	89		66 - 120				10/30/14 22:03	1
Dibromofluoromethane (Surr)	98		75 - 121				10/30/14 22:03	1
1,2-Dichloroethane-d4 (Surr)	98		63 - 129				10/30/14 22:03	1
Toluene-d8 (Surr)	93		74 - 120				10/30/14 22:03	1

Lab Sample ID: LCS 240-154123/4

Matrix: Water

Analysis Batch: 154123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCN	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier							
Acetone	20.0		24.3			ug/L		122	43 - 136	
Acrolein	50.0		46.9			ug/L		94	51 - 170	
Acrylonitrile	100		119			ug/L		119	66 - 132	
Benzene	10.0		10.7			ug/L		107	80 - 120	
Bromodichloromethane	10.0		10.7			ug/L		107	72 - 121	
Bromoform	10.0		8.98			ug/L		90	40 - 131	
Bromomethane	10.0		9.50			ug/L		95	11 - 185	
2-Butanone	20.0		24.1			ug/L		121	60 - 126	
Carbon disulfide	10.0		11.1			ug/L		111	62 - 142	
Carbon tetrachloride	10.0		9.60			ug/L		96	66 - 128	
Chlorobenzene	10.0		10.5			ug/L		105	80 - 120	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-154123/4

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 154123

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Chloroethane	10.0	9.95		ug/L		99	25 - 153
Chloroform	10.0	10.7		ug/L		107	79 - 120
Chloromethane	10.0	8.69		ug/L		87	44 - 126
3-Chloro-1-propene	10.0	10.6		ug/L		106	40 - 160
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
cis-1,3-Dichloropropene	10.0	10.7		ug/L		107	61 - 120
Dibromochloromethane	10.0	9.78		ug/L		98	64 - 120
1,2-Dibromo-3-Chloropropane	10.0	11.2		ug/L		112	42 - 136
Dibromomethane	10.0	11.3		ug/L		113	80 - 120
Dichlorodifluoromethane	10.0	2.88		ug/L		29	19 - 129
1,1-Dichloroethane	10.0	11.3		ug/L		113	80 - 120
1,2-Dichloroethane	10.0	11.6		ug/L		116	71 - 127
1,1-Dichloroethene	10.0	9.68		ug/L		97	78 - 131
1,2-Dichloroethene, Total	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloropropane	10.0	11.7		ug/L		117	80 - 120
1,4-Dioxane	200	174		ug/L		87	50 - 150
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Ethylene Dibromide	10.0	10.5		ug/L		105	79 - 120
Ethyl methacrylate	10.0	12.3		ug/L		123	40 - 160
2-Hexanone	20.0	21.2		ug/L		106	55 - 133
Iodomethane	10.0	9.81		ug/L		98	72 - 141
Isobutanol	250	220		ug/L		88	40 - 160
Methylene Chloride	10.0	10.5		ug/L		105	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	28.7 *		ug/L		143	63 - 128
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	80 - 120
o-Xylene	10.0	10.6		ug/L		106	80 - 120
Styrene	10.0	10.0		ug/L		100	79 - 120
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	72 - 120
1,1,2,2-Tetrachloroethane	10.0	12.8 *		ug/L		128	68 - 120
Tetrachloroethene	10.0	8.84		ug/L		88	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
trans-1,4-Dichloro-2-butene	10.0	6.47		ug/L		65	10 - 199
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	58 - 120
1,1,1-Trichloroethane	10.0	9.93		ug/L		99	74 - 120
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	80 - 120
Trichloroethene	10.0	10.1		ug/L		101	76 - 120
Trichlorofluoromethane	10.0	8.65		ug/L		86	49 - 157
1,2,3-Trichloropropane	10.0	14.2 *		ug/L		142	73 - 129
Vinyl acetate	8.00	3.98		ug/L		50	46 - 161
Vinyl chloride	10.0	8.83		ug/L		88	53 - 127
Xylenes, Total	20.0	21.3		ug/L		107	80 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		66 - 120
Dibromofluoromethane (Surr)	90		75 - 121
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
Toluene-d8 (Surr)	87		74 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-22 MS

Matrix: Water

Analysis Batch: 154123

Client Sample ID: MW031D/102114

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Acetone	ND		66.6	75.4		ug/L		113	33 - 145
Acrolein	ND		167	175		ug/L		105	47 - 168
Acrylonitrile	ND		333	398		ug/L		120	62 - 133
Benzene	ND		33.3	36.1		ug/L		108	72 - 121
Bromodichloromethane	ND		33.3	35.5		ug/L		107	67 - 120
Bromoform	ND		33.3	29.3		ug/L		88	32 - 128
Bromomethane	ND		33.3	29.9		ug/L		90	10 - 186
2-Butanone	ND		66.6	76.0		ug/L		114	54 - 129
Carbon disulfide	ND		33.3	35.1		ug/L		106	57 - 147
Carbon tetrachloride	ND		33.3	30.8		ug/L		92	59 - 129
Chlorobenzene	ND		33.3	33.6		ug/L		101	80 - 120
Chloroethane	ND		33.3	31.1		ug/L		93	21 - 165
Chloroform	ND		33.3	35.0		ug/L		105	76 - 120
Chloromethane	ND		33.3	26.8		ug/L		81	33 - 132
3-Chloro-1-propene	ND		33.3	30.9		ug/L		93	10 - 160
cis-1,2-Dichloroethene	92		33.3	124		ug/L		93	70 - 120
cis-1,3-Dichloropropene	ND		33.3	34.3		ug/L		103	51 - 120
Dibromochloromethane	ND		33.3	30.8		ug/L		92	56 - 120
1,2-Dibromo-3-Chloropropane	ND		33.3	34.2		ug/L		103	32 - 139
Dibromomethane	ND		33.3	38.6		ug/L		116	77 - 121
Dichlorodifluoromethane	ND		33.3	4.75 F1		ug/L		14	17 - 128
1,1-Dichloroethane	0.89 J		33.3	37.6		ug/L		110	79 - 120
1,2-Dichloroethane	130		33.3	164 E		ug/L		110	68 - 129
1,1-Dichloroethene	ND		33.3	31.7		ug/L		95	74 - 135
1,2-Dichloroethene, Total	94		66.6	160		ug/L		100	75 - 120
1,2-Dichloropropene	ND		33.3	37.2		ug/L		112	78 - 120
1,4-Dioxane	1300		666	2080		ug/L		110	50 - 150
Ethylbenzene	ND		33.3	34.2		ug/L		103	75 - 120
Ethylene Dibromide	ND		33.3	33.1		ug/L		99	74 - 120
Ethyl methacrylate	ND		33.3	38.7		ug/L		116	10 - 160
2-Hexanone	ND		66.6	61.9		ug/L		93	47 - 139
Iodomethane	ND		33.3	33.0		ug/L		99	66 - 144
Isobutanol	ND		833	821		ug/L		99	40 - 160
Methylene Chloride	ND		33.3	36.0		ug/L		108	63 - 128
4-Methyl-2-pentanone (MIBK)	ND *		66.6	89.5 F1		ug/L		134	56 - 131
m-Xylene & p-Xylene	ND		33.3	34.5		ug/L		104	75 - 120
o-Xylene	ND		33.3	34.7		ug/L		104	76 - 120
Styrene	ND		33.3	31.8		ug/L		95	71 - 120
1,1,1,2-Tetrachloroethane	ND		33.3	33.7		ug/L		101	64 - 120
1,1,2,2-Tetrachloroethane	ND *		33.3	42.8 F1		ug/L		129	63 - 122
Tetrachloroethene	0.80 J		33.3	27.4		ug/L		80	70 - 120
Toluene	ND		33.3	31.1		ug/L		93	78 - 120
trans-1,4-Dichloro-2-butene	ND		33.3	19.7		ug/L		59	10 - 199
trans-1,2-Dichloroethene	1.7 J		33.3	36.0		ug/L		103	80 - 120
trans-1,3-Dichloropropene	ND		33.3	32.0		ug/L		96	46 - 120
1,1,1-Trichloroethane	ND		33.3	32.1		ug/L		96	68 - 121
1,1,2-Trichloroethane	ND		33.3	35.1		ug/L		105	75 - 120
Trichloroethene	51		33.3	82.3		ug/L		93	66 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-22 MS

Matrix: Water

Analysis Batch: 154123

Client Sample ID: MW031D/102114

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Trichlorofluoromethane	ND		33.3	26.6		ug/L		80	46 - 157
1,2,3-Trichloropropane	ND *		33.3	43.1		ug/L		129	67 - 132
Vinyl acetate	ND		26.6	16.3		ug/L		61	43 - 157
Vinyl chloride	18		33.3	44.7		ug/L		79	49 - 130
Xylenes, Total	ND		66.6	69.2		ug/L		104	76 - 120
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Surrogate	MS	MS	Limits	%Recovery	Qualifier	Unit	D	%Rec	RPD
4-Bromofluorobenzene (Surr)	94		66 - 120						
Dibromofluoromethane (Surr)	95		75 - 121						
1,2-Dichloroethane-d4 (Surr)	95		63 - 129						
Toluene-d8 (Surr)	88		74 - 120						

Lab Sample ID: 240-43355-22 MSD

Matrix: Water

Analysis Batch: 154123

Client Sample ID: MW031D/102114

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	ND		66.6	67.8		ug/L		102	33 - 145	11	30
Acrolein	ND		167	165		ug/L		99	47 - 168	6	30
Acrylonitrile	ND		333	381		ug/L		114	62 - 133	4	30
Benzene	ND		33.3	34.8		ug/L		104	72 - 121	4	30
Bromodichloromethane	ND		33.3	34.3		ug/L		103	67 - 120	3	30
Bromoform	ND		33.3	29.4		ug/L		88	32 - 128	0	30
Bromomethane	ND		33.3	29.6		ug/L		89	10 - 186	1	30
2-Butanone	ND		66.6	74.2		ug/L		111	54 - 129	2	30
Carbon disulfide	ND		33.3	33.7		ug/L		101	57 - 147	4	30
Carbon tetrachloride	ND		33.3	29.8		ug/L		89	59 - 129	3	30
Chlorobenzene	ND		33.3	32.4		ug/L		97	80 - 120	4	30
Chloroethane	ND		33.3	31.1		ug/L		93	21 - 165	0	30
Chloroform	ND		33.3	33.6		ug/L		101	76 - 120	4	30
Chloromethane	ND		33.3	27.4		ug/L		82	33 - 132	2	30
3-Chloro-1-propene	ND		33.3	29.2		ug/L		88	10 - 160	5	30
cis-1,2-Dichloroethene	92		33.3	119		ug/L		80	70 - 120	4	30
cis-1,3-Dichloropropene	ND		33.3	32.5		ug/L		98	51 - 120	5	30
Dibromochloromethane	ND		33.3	30.9		ug/L		93	56 - 120	0	30
1,2-Dibromo-3-Chloropropane	ND		33.3	35.7		ug/L		107	32 - 139	4	30
Dibromomethane	ND		33.3	36.2		ug/L		109	77 - 121	6	30
Dichlorodifluoromethane	ND		33.3	6.67 F2		ug/L		20	17 - 128	34	30
1,1-Dichloroethane	0.89 J		33.3	35.9		ug/L		105	79 - 120	5	30
1,2-Dichloroethane	130		33.3	159 E		ug/L		95	68 - 129	3	30
1,1-Dichloroethene	ND		33.3	30.7		ug/L		92	74 - 135	3	30
1,2-Dichloroethene, Total	94		66.6	153		ug/L		89	75 - 120	5	30
1,2-Dichloropropene	ND		33.3	36.9		ug/L		111	78 - 120	1	30
1,4-Dioxane	1300		666	2310		ug/L		145	50 - 150	10	30
Ethylbenzene	ND		33.3	32.0		ug/L		96	75 - 120	7	30
Ethylene Dibromide	ND		33.3	34.0		ug/L		102	74 - 120	3	30
Ethyl methacrylate	ND		33.3	37.8		ug/L		114	10 - 160	2	30
2-Hexanone	ND		66.6	61.1		ug/L		92	47 - 139	1	30

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-43355-22 MSD

Matrix: Water

Analysis Batch: 154123

Client Sample ID: MW031D/102114

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Iodomethane	ND		33.3	32.2		ug/L		97	66 - 144	2	30
Isobutanol	ND		833	816		ug/L		98	40 - 160	1	30
Methylene Chloride	ND		33.3	33.8		ug/L		102	63 - 128	6	30
4-Methyl-2-pentanone (MIBK)	ND *		66.6	84.5		ug/L		127	56 - 131	6	30
m-Xylene & p-Xylene	ND		33.3	32.3		ug/L		97	75 - 120	7	30
o-Xylene	ND		33.3	32.1		ug/L		96	76 - 120	8	30
Styrene	ND		33.3	30.3		ug/L		91	71 - 120	5	30
1,1,1,2-Tetrachloroethane	ND		33.3	33.2		ug/L		100	64 - 120	2	30
1,1,2,2-Tetrachloroethane	ND *		33.3	42.2 F1		ug/L		127	63 - 122	1	30
Tetrachloroethene	0.80 J		33.3	27.2		ug/L		79	70 - 120	1	30
Toluene	ND		33.3	30.1		ug/L		90	78 - 120	3	30
trans-1,4-Dichloro-2-butene	ND		33.3	20.4		ug/L		61	10 - 199	3	30
trans-1,2-Dichloroethene	1.7 J		33.3	33.7		ug/L		96	80 - 120	7	30
trans-1,3-Dichloropropene	ND		33.3	31.9		ug/L		96	46 - 120	1	30
1,1,1-Trichloroethane	ND		33.3	30.8		ug/L		92	68 - 121	4	30
1,1,2-Trichloroethane	ND		33.3	34.7		ug/L		104	75 - 120	1	30
Trichloroethene	51		33.3	78.2		ug/L		80	66 - 120	5	30
Trichlorofluoromethane	ND		33.3	28.3		ug/L		85	46 - 157	6	30
1,2,3-Trichloropropane	ND *		33.3	42.7		ug/L		128	67 - 132	1	30
Vinyl acetate	ND		26.6	15.7		ug/L		59	43 - 157	4	30
Vinyl chloride	18		33.3	43.7		ug/L		76	49 - 130	2	30
Xylenes, Total	ND		66.6	64.4		ug/L		97	76 - 120	7	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	92		66 - 120
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	87		74 - 120

Lab Sample ID: MB 240-154284/5

Matrix: Water

Analysis Batch: 154284

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	6.39	J	10	3.4	ug/L			10/31/14 12:28	1
Acetonitrile	ND		20	9.2	ug/L			10/31/14 12:28	1
Acrolein	ND		20	1.4	ug/L			10/31/14 12:28	1
Acrylonitrile	ND		20	6.3	ug/L			10/31/14 12:28	1
Benzene	ND		1.0	0.24	ug/L			10/31/14 12:28	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/31/14 12:28	1
Bromoform	ND		1.0	0.56	ug/L			10/31/14 12:28	1
Bromomethane	ND		1.0	0.63	ug/L			10/31/14 12:28	1
2-Butanone	ND		10	4.1	ug/L			10/31/14 12:28	1
Carbon disulfide	ND		1.0	0.28	ug/L			10/31/14 12:28	1
Carbon tetrachloride	ND		1.0	0.17	ug/L			10/31/14 12:28	1
Chlorobenzene	ND		1.0	0.19	ug/L			10/31/14 12:28	1
Chloroethane	ND		1.0	0.33	ug/L			10/31/14 12:28	1
Chloroform	ND		1.0	0.21	ug/L			10/31/14 12:28	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-154284/5

Matrix: Water

Analysis Batch: 154284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Chloromethane			ND		1.0	0.44	ug/L			10/31/14 12:28	1
Chloroprene			ND		2.0	0.26	ug/L			10/31/14 12:28	1
3-Chloro-1-propene			ND		2.0	0.84	ug/L			10/31/14 12:28	1
cis-1,2-Dichloroethene			ND		1.0	0.20	ug/L			10/31/14 12:28	1
cis-1,3-Dichloropropene			ND		1.0	0.46	ug/L			10/31/14 12:28	1
Dibromochloromethane			ND		1.0	0.43	ug/L			10/31/14 12:28	1
1,2-Dibromo-3-Chloropropane			ND		2.0	0.82	ug/L			10/31/14 12:28	1
Dibromomethane			ND		1.0	0.17	ug/L			10/31/14 12:28	1
Dichlorodifluoromethane			ND		1.0	0.50	ug/L			10/31/14 12:28	1
1,1-Dichloroethane			ND		1.0	0.26	ug/L			10/31/14 12:28	1
1,2-Dichloroethane			ND		1.0	0.20	ug/L			10/31/14 12:28	1
1,1-Dichloroethene			ND		1.0	0.45	ug/L			10/31/14 12:28	1
1,2-Dichloroethene, Total			ND		2.0	0.20	ug/L			10/31/14 12:28	1
1,2-Dichloropropane			ND		1.0	0.22	ug/L			10/31/14 12:28	1
1,4-Dioxane			ND		50	40	ug/L			10/31/14 12:28	1
Ethylbenzene			ND		1.0	0.23	ug/L			10/31/14 12:28	1
Ethylene Dibromide			ND		1.0	0.19	ug/L			10/31/14 12:28	1
Ethyl methacrylate			ND		1.0	0.44	ug/L			10/31/14 12:28	1
2-Hexanone			ND		10	3.9	ug/L			10/31/14 12:28	1
Iodomethane			ND		1.0	0.42	ug/L			10/31/14 12:28	1
Isobutanol			ND		50	12	ug/L			10/31/14 12:28	1
Methacrylonitrile			ND		2.0	0.70	ug/L			10/31/14 12:28	1
Methylene Chloride			ND		1.0	0.28	ug/L			10/31/14 12:28	1
Methyl methacrylate			ND		2.0	0.99	ug/L			10/31/14 12:28	1
4-Methyl-2-pentanone (MIBK)			ND		10	3.6	ug/L			10/31/14 12:28	1
Propionitrile			ND		4.0	0.95	ug/L			10/31/14 12:28	1
Styrene			ND		1.0	0.45	ug/L			10/31/14 12:28	1
1,1,1,2-Tetrachloroethane			ND		1.0	0.28	ug/L			10/31/14 12:28	1
1,1,2,2-Tetrachloroethane			ND		1.0	0.22	ug/L			10/31/14 12:28	1
Tetrachloroethene			ND		1.0	0.20	ug/L			10/31/14 12:28	1
Toluene			ND		1.0	0.22	ug/L			10/31/14 12:28	1
trans-1,4-Dichloro-2-butene			ND		1.0	0.31	ug/L			10/31/14 12:28	1
trans-1,2-Dichloroethene			ND		1.0	0.26	ug/L			10/31/14 12:28	1
trans-1,3-Dichloropropene			ND		1.0	0.56	ug/L			10/31/14 12:28	1
1,1,1-Trichloroethane			ND		1.0	0.22	ug/L			10/31/14 12:28	1
1,1,2-Trichloroethane			ND		1.0	0.17	ug/L			10/31/14 12:28	1
Trichloroethene			ND		1.0	0.15	ug/L			10/31/14 12:28	1
Trichlorodifluoromethane			ND		1.0	0.49	ug/L			10/31/14 12:28	1
1,2,3-Trichloropropane			ND		1.0	0.30	ug/L			10/31/14 12:28	1
Vinyl acetate			ND		2.0	0.41	ug/L			10/31/14 12:28	1
Vinyl chloride			ND		1.0	0.29	ug/L			10/31/14 12:28	1
Xylenes, Total			ND		2.0	0.43	ug/L			10/31/14 12:28	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	ND	ND						
4-Bromofluorobenzene (Surr)			82		66 - 120			1
Dibromofluoromethane (Surr)			94		75 - 121			1
1,2-Dichloroethane-d4 (Surr)			94		63 - 129			1
Toluene-d8 (Surr)			86		74 - 120			1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-154284/4

Matrix: Water

Analysis Batch: 154284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Acetone	20.0	31.4	*	ug/L		157	43 - 136	
Acrolein	50.0	59.2		ug/L		118	51 - 170	
Acrylonitrile	100	116		ug/L		116	66 - 132	
Benzene	10.0	11.0		ug/L		110	80 - 120	
Bromodichloromethane	10.0	10.9		ug/L		109	72 - 121	
Bromoform	10.0	9.99		ug/L		100	40 - 131	
Bromomethane	10.0	10.9		ug/L		109	11 - 185	
2-Butanone	20.0	25.0		ug/L		125	60 - 126	
Carbon disulfide	10.0	11.5		ug/L		115	62 - 142	
Carbon tetrachloride	10.0	9.01		ug/L		90	66 - 128	
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120	
Chloroethane	10.0	10.9		ug/L		109	25 - 153	
Chloroform	10.0	11.2		ug/L		112	79 - 120	
Chloromethane	10.0	9.50		ug/L		95	44 - 126	
3-Chloro-1-propene	10.0	10.2		ug/L		102	40 - 160	
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120	
cis-1,3-Dichloropropene	10.0	12.3	*	ug/L		123	61 - 120	
Dibromochloromethane	10.0	9.85		ug/L		99	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	11.0		ug/L		110	42 - 136	
Dibromomethane	10.0	11.5		ug/L		115	80 - 120	
Dichlorodifluoromethane	10.0	2.40		ug/L		24	19 - 129	
1,1-Dichloroethane	10.0	11.3		ug/L		113	80 - 120	
1,2-Dichloroethane	10.0	11.7		ug/L		117	71 - 127	
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131	
1,2-Dichloroethene, Total	20.0	21.0		ug/L		105	80 - 120	
1,2-Dichloropropene	10.0	11.8		ug/L		118	80 - 120	
1,4-Dioxane	200	269		ug/L		135	50 - 150	
Ethylbenzene	10.0	11.0		ug/L		110	80 - 120	
Ethylene Dibromide	10.0	10.5		ug/L		105	79 - 120	
Ethyl methacrylate	10.0	13.5		ug/L		135	40 - 160	
2-Hexanone	20.0	24.2		ug/L		121	55 - 133	
Iodomethane	10.0	10.5		ug/L		105	72 - 141	
Isobutanol	250	254		ug/L		101	40 - 160	
Methylene Chloride	10.0	11.9		ug/L		119	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	31.9	*	ug/L		159	63 - 128	
m-Xylene & p-Xylene	10.0	11.5		ug/L		115	80 - 120	
o-Xylene	10.0	11.5		ug/L		115	80 - 120	
Styrene	10.0	10.9		ug/L		109	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	12.6	*	ug/L		126	68 - 120	
Tetrachloroethene	10.0	8.99		ug/L		90	79 - 120	
Toluene	10.0	9.97		ug/L		100	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	13.4		ug/L		134	10 - 199	
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	80 - 120	
trans-1,3-Dichloropropene	10.0	11.7		ug/L		117	58 - 120	
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	74 - 120	
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120	
Trichloroethene	10.0	10.3		ug/L		103	76 - 120	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-154284/4

Matrix: Water

Analysis Batch: 154284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS		Unit	D	%Rec.		Limits
	Added	Result	Qualifier	%Rec					
Trichlorofluoromethane	10.0	8.67		87	ug/L				49 - 157
1,2,3-Trichloropropane	10.0	13.2	*	132	ug/L				73 - 129
Vinyl acetate	8.00	4.99		62	ug/L				46 - 161
Vinyl chloride	10.0	9.37		94	ug/L				53 - 127
Xylenes, Total	20.0	23.0		115	ug/L				80 - 120

Surrogate	LCS		LCS		Limits
	%Recovery	Qualifier			
4-Bromofluorobenzene (Surr)	94		66 - 120		
Dibromofluoromethane (Surr)	92		75 - 121		
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		
Toluene-d8 (Surr)	84		74 - 120		

QC Association Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

GC/MS VOA

Analysis Batch: 154068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-43355-1	DCINFLOW/102014	Total/NA	Water	8260B	1
240-43355-1 MS	DCINFLOW/102014	Total/NA	Water	8260B	2
240-43355-1 MSD	DCINFLOW/102014	Total/NA	Water	8260B	3
240-43355-2	DCOUTFLOW/102014	Total/NA	Water	8260B	4
240-43355-3	DW001/102014	Total/NA	Water	8260B	5
240-43355-4	DW002/102014	Total/NA	Water	8260B	6
240-43355-5	DW003/102014	Total/NA	Water	8260B	7
240-43355-6	DW004/102014	Total/NA	Water	8260B	8
240-43355-7	TB01/102014	Total/NA	Water	8260B	9
240-43355-8	FB02/102114	Total/NA	Water	8260B	10
240-43355-9	WRPZ05/102114	Total/NA	Water	8260B	11
240-43355-10	VE542/11.5-16.5/102114	Total/NA	Water	8260B	12
240-43355-11	WRPZ10/102114	Total/NA	Water	8260B	13
240-43355-12	WRPZ15/102114	Total/NA	Water	8260B	14
240-43355-13	MW505A/102114	Total/NA	Water	8260B	
240-43355-14	MW505B/102114	Total/NA	Water	8260B	
LCS 240-154068/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-154068/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 154123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-43355-15	MW509A/102114	Total/NA	Water	8260B	1
240-43355-16	MW509B/102114	Total/NA	Water	8260B	2
240-43355-17	MW510A/102114	Total/NA	Water	8260B	3
240-43355-18	MW510B/102114	Total/NA	Water	8260B	4
240-43355-20	MW508B/102114	Total/NA	Water	8260B	5
240-43355-21	MW031A/102114	Total/NA	Water	8260B	6
240-43355-22	MW031D/102114	Total/NA	Water	8260B	7
240-43355-22 MS	MW031D/102114	Total/NA	Water	8260B	8
240-43355-22 MSD	MW031D/102114	Total/NA	Water	8260B	9
LCS 240-154123/4	Lab Control Sample	Total/NA	Water	8260B	10
MB 240-154123/5	Method Blank	Total/NA	Water	8260B	11

Analysis Batch: 154284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-43355-19	MW508/102114	Total/NA	Water	8260B	1
LCS 240-154284/4	Lab Control Sample	Total/NA	Water	8260B	2
MB 240-154284/5	Method Blank	Total/NA	Water	8260B	3

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: DCINFLOW/102014

Lab Sample ID: 240-43355-1

Matrix: Water

Date Collected: 10/20/14 13:30
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 14:25	LRW	TAL CAN

Client Sample ID: DCOUTFLOW/102014

Lab Sample ID: 240-43355-2

Matrix: Water

Date Collected: 10/20/14 13:45
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 14:48	LRW	TAL CAN

Client Sample ID: DW001/102014

Lab Sample ID: 240-43355-3

Matrix: Water

Date Collected: 10/20/14 15:10
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 15:11	LRW	TAL CAN

Client Sample ID: DW002/102014

Lab Sample ID: 240-43355-4

Matrix: Water

Date Collected: 10/20/14 15:45
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 15:34	LRW	TAL CAN

Client Sample ID: DW003/102014

Lab Sample ID: 240-43355-5

Matrix: Water

Date Collected: 10/20/14 15:30
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 15:56	LRW	TAL CAN

Client Sample ID: DW004/102014

Lab Sample ID: 240-43355-6

Matrix: Water

Date Collected: 10/20/14 15:45
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 16:19	LRW	TAL CAN

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Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: TB01/102014

Lab Sample ID: 240-43355-7

Matrix: Water

Date Collected: 10/20/14 00:00
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 16:41	LRW	TAL CAN

Client Sample ID: FB02/102114

Lab Sample ID: 240-43355-8

Matrix: Water

Date Collected: 10/21/14 09:50
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 17:04	LRW	TAL CAN

Client Sample ID: WRPZ05/102114

Lab Sample ID: 240-43355-9

Matrix: Water

Date Collected: 10/21/14 10:00
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 17:27	LRW	TAL CAN

Client Sample ID: VE542/11.5-16.5/102114

Lab Sample ID: 240-43355-10

Matrix: Water

Date Collected: 10/21/14 09:55
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	154068	10/30/14 17:50	LRW	TAL CAN

Client Sample ID: WRPZ10/102114

Lab Sample ID: 240-43355-11

Matrix: Water

Date Collected: 10/21/14 10:05
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 18:12	LRW	TAL CAN

Client Sample ID: WRPZ15/102114

Lab Sample ID: 240-43355-12

Matrix: Water

Date Collected: 10/21/14 10:10
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154068	10/30/14 18:35	LRW	TAL CAN

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Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW505A/102114

Lab Sample ID: 240-43355-13

Matrix: Water

Date Collected: 10/21/14 11:15
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	154068	10/30/14 18:58	LRW	TAL CAN

Client Sample ID: MW505B/102114

Lab Sample ID: 240-43355-14

Matrix: Water

Date Collected: 10/21/14 11:15
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	154068	10/30/14 19:20	LRW	TAL CAN

Client Sample ID: MW509A/102114

Lab Sample ID: 240-43355-15

Matrix: Water

Date Collected: 10/21/14 11:40
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154123	10/31/14 02:57	LEE	TAL CAN

Client Sample ID: MW509B/102114

Lab Sample ID: 240-43355-16

Matrix: Water

Date Collected: 10/21/14 11:45
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154123	10/31/14 03:20	LEE	TAL CAN

Client Sample ID: MW510A/102114

Lab Sample ID: 240-43355-17

Matrix: Water

Date Collected: 10/21/14 12:00
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154123	10/31/14 03:43	LEE	TAL CAN

Client Sample ID: MW510B/102114

Lab Sample ID: 240-43355-18

Matrix: Water

Date Collected: 10/21/14 12:10
Date Received: 10/22/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154123	10/31/14 04:05	LEE	TAL CAN

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Client Sample ID: MW508/102114

Date Collected: 10/21/14 12:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		3.33	154284	10/31/14 13:44	LEE	TAL CAN

Client Sample ID: MW508B/102114

Date Collected: 10/21/14 12:40
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	154123	10/31/14 04:51	LEE	TAL CAN

Client Sample ID: MW031A/102114

Date Collected: 10/21/14 15:30
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	154123	10/31/14 05:13	LEE	TAL CAN

Client Sample ID: MW031D/102114

Date Collected: 10/21/14 15:25
Date Received: 10/22/14 08:45

Lab Sample ID: 240-43355-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		3.33	154123	10/31/14 05:36	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TestAmerica Canton

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-43355-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS**



240-43355 Chain of Custody

TestAmerica Canton

4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

2.8

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>S. N. 100</u>	Lab Pkt: O'Meara, Patrick J	Carrier Tracking No(s): COC No: 240-23650-10275.1																																																																																																						
Client Contact: Steve Roles	Phone: 513-489-2255(Tel) Email: strolfes@trcsolutions.com	E-Mail: patrick.o'meara@testamericainc.com	Page: 1 of 5	Job #:																																																																																																						
Analysis Requested																																																																																																										
<p>Preservation Codes:</p> <table border="0"> <tr><td>A - HCl</td><td>M - Hexane</td></tr> <tr><td>B - NaOH</td><td>N - None</td></tr> <tr><td>C - Zn Acetate</td><td>O - AsNaO2</td></tr> <tr><td>D - Nitric Acid</td><td>P - Na2CO3</td></tr> <tr><td>E - NaHSO4</td><td>Q - Na2SO3</td></tr> <tr><td>F - MeOH</td><td>R - Na2S2O3</td></tr> <tr><td>G - Anchlor</td><td>S - H2SO4</td></tr> <tr><td>H - Ascorbic Acid</td><td>T - TSP Dodecachydrate</td></tr> <tr><td>I - Ice</td><td>U - Acetone</td></tr> <tr><td>J - DI Water</td><td>V - MCCA</td></tr> <tr><td>K - EDTA</td><td>W - pH 4-5</td></tr> <tr><td>L - EDA</td><td>Z - other (specify)</td></tr> <tr><td colspan="2">Other:</td></tr> </table>					A - HCl	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2CO3	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Anchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecachydrate	I - Ice	U - Acetone	J - DI Water	V - MCCA	K - EDTA	W - pH 4-5	L - EDA	Z - other (specify)	Other:																																																																													
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<p>Special Instructions/Note:</p> <p>260B - (MD) Appendix IX MSVA-Nashville Permit/MSP/MSD (yes or no)</p> <p>Field Filtered Sample (yes or no)</p>																																																																																																										
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TestAmerica Canton

4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

THE LEASER IN ENVIRONMENTAL TESTING

COC No: 240-23650-10275.2

Date: 10/21/14

Page: 2 of 5

Job #:

Client Information		Sample # 550		Lab P/M: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-23650-10275.2		
Client Contact: Steve Roffes	Company: TRC Environmental Corp-Payne Firm	Phone: 513-489-2255(Tel)	E-Mail: patrick.o'meara@testamericainc.com	Analysis Requested		Total Number of Contaminates:	Preservation Codes:	
Address: 11234 Cornell Park Drive	Due Date Requested: <i>5/7</i>	TAT Requested (days): <i>5</i>	PO #: 69537	8260B - (MOD) Appendix IX MSVOA-Nashville	Field Preferred Sample Matrix/MSD (Yes or No):	8260B - (MOD) Appendix IX MSVOA-Nashville	M - Hexane A - HCl B - NaOH C - Zn Acetate D - Na2O4S E - NaHSO4 F - MeOH G - Anchitor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Z - other (specify): Other:	
City: Cincinnati	State, Zip: OH, 45242	Email: sroffes@trcsolutions.com	WO #:	Project #: 2400704	Sample Date	Sample Time	Sample Type (C=comp, G=grab) B/F/Tissue, A=Air	Matrix (Newater, Seawater, Oil/wastefoil, B/F/Tissue, A=Air)
Phone: 513-489-2255(Tel)	Phone: 513-489-2533(Fax)	Phone: sroffes@trcsolutions.com	Site: No. 602, 014	SSOW#:	Preservation Code:	A	X	Special Instructions/Note:
Sample Identification		Sample Date 10/21/14	Sample Time 1010	Sample Type (C=comp, G=grab) B/F/Tissue, A=Air	Matrix (Newater, Seawater, Oil/wastefoil, B/F/Tissue, A=Air)	Special Instructions/Note:		
WRS215/102114		10/21/14	1010	Water	W/W X			
MWS054/102114			1115	Water	W/W			
MWS050B/102114			1115	Water	W/W			
MWS050A/102114			1140	Water	W/W			
MWS050B/102114			1145	Water	W/W			
MWS104/102114			1700	Water	W/W			
MWS103/102114			1710	Water	W/W			
MWS0508/102114			1730	Water	W/W			
MWS0503/102114			1740	Water	W/W			
MWS0504/102114			1530	Water	W/W			
MWS0501/102114		10/21/14	1525	Water	W/W X			
MWS0502/102114								
Possible Hazard Identification		Date/Time:	Date/Time:	Method of Shipment:	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable		10/21/14 1610	10/21/14 1610	Received by:	<input type="checkbox"/> Disposal By Lab	10/21/14	10/21/14	Company TestAmerica
Deliverable Requested: I, II, III, IV, Other (specify):		Date/Time:	Date/Time:	Received by:	<input type="checkbox"/> Return To Client	10/22/14	845	Company TAA
Empty Kit Relinquished by:		Date:	Time:	Special Instructions/QC Requirements:		Archive For Months		
Relinquished by:		10/21/14	1610					
Relinquished by:		10/21/14 1615	1615					
Relinquished by:		Date/Time:	Date/Time:					
Custody Seal intact:		Custody Seal No.: <i>14</i>		Cooler Temperature(s) °C and Other Remarks:				
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 43355

Client <u>72C</u>	Site Name _____	Cooler unpacked by: <u>J</u>
Cooler Received on <u>10-22-14</u> Opened on <u>10-22-14</u>		
FedEx: 1 st Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____		
TestAmerica Cooler # _____	Foam Box <u>Client Cooler</u>	Box Other _____
Packing material used: <u>Bubble Wrap</u> Foam Plastic Bag	None	Other _____
COOLANT: <u>Wet Ice</u> Blue Ice Dry Ice Water	None	
1. Cooler temperature upon receipt		
IR GUN# A (CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 4 (CF -2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF 0 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF 0 °C) Observed Cooler Temp. <u>2.8</u> °C	Corrected Cooler Temp. <u>2.8</u> °C	
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> Yes No		
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA		
-Were custody seals on the bottle(s)? Yes No		
3. Shippers' packing slip attached to the cooler(s)? Yes No		
4. Did custody papers accompany the sample(s)? Yes No		
5. Were the custody papers relinquished & signed in the appropriate place? Yes No		
6. Did all bottles arrive in good condition (Unbroken)? Yes No		
7. Could all bottle labels be reconciled with the COC? Yes No		
8. Were correct bottle(s) used for the test(s) indicated? Yes No		
9. Sufficient quantity received to perform indicated analyses? Yes No		
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# <u>HC412469</u>		
11. Were VOAs on the COC? Yes No		
12. Were air bubbles >6 mm in any VOA vials? Yes No NA		
13. Was a trip blank present in the cooler(s)? Yes No		
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____	Concerning _____	
<input type="checkbox"/> See Multiple Cooler Form		

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: J

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____